

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74972

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
BBS 15G-22-7-21

9. API WELL NO. 43-047-37443

10. FIELD AND POOL, OR WILDCAT
~~UNDESIGNATED~~ Widener

11. SEC., T, R, M, OR BLK & SURVEY OR AREA
SWSE, SECTION 22, T7S, R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UT

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

20. BLM/BIA Bond No. on file
ESB00024

23. Estimated duration
10 DAYS

APPLICATION FOR PERMIT TO DRILL OR DEEPEN	
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>	
TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. NAME OF OPERATOR QEP Uinta Basin, Inc.	Contact: Jan Nelson E-Mail: jan.nelson@questar.com
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078	Telephone number Phone 435-781-4331 Fax 435-781-4323
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 624413X 669' FSL 2022' FEL, SWSE, SECTION 22, T7S, R21E At proposed production zone 4449786Y 40.191137 SAME 789.538465	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 35+/- MILES SOUTHEAST OF VERNAL, UT	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 669' +/-	16. NO. OF ACRES IN LEASE 360
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft	19. PROPOSED DEPTH 6850'
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4907.6 GR	22. DATE WORK WILL START ASAP
24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (Printed) JAN NELSON

28-Nov-05

TITLE REGULATORY AFFAIRS

(This space for Federal or State office use)

PERMIT NO. 43-047-37443 APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE ENVIRONMENTAL SCIENTIST III
*See Instructions On Reverse Side

DATE 12-05-05

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

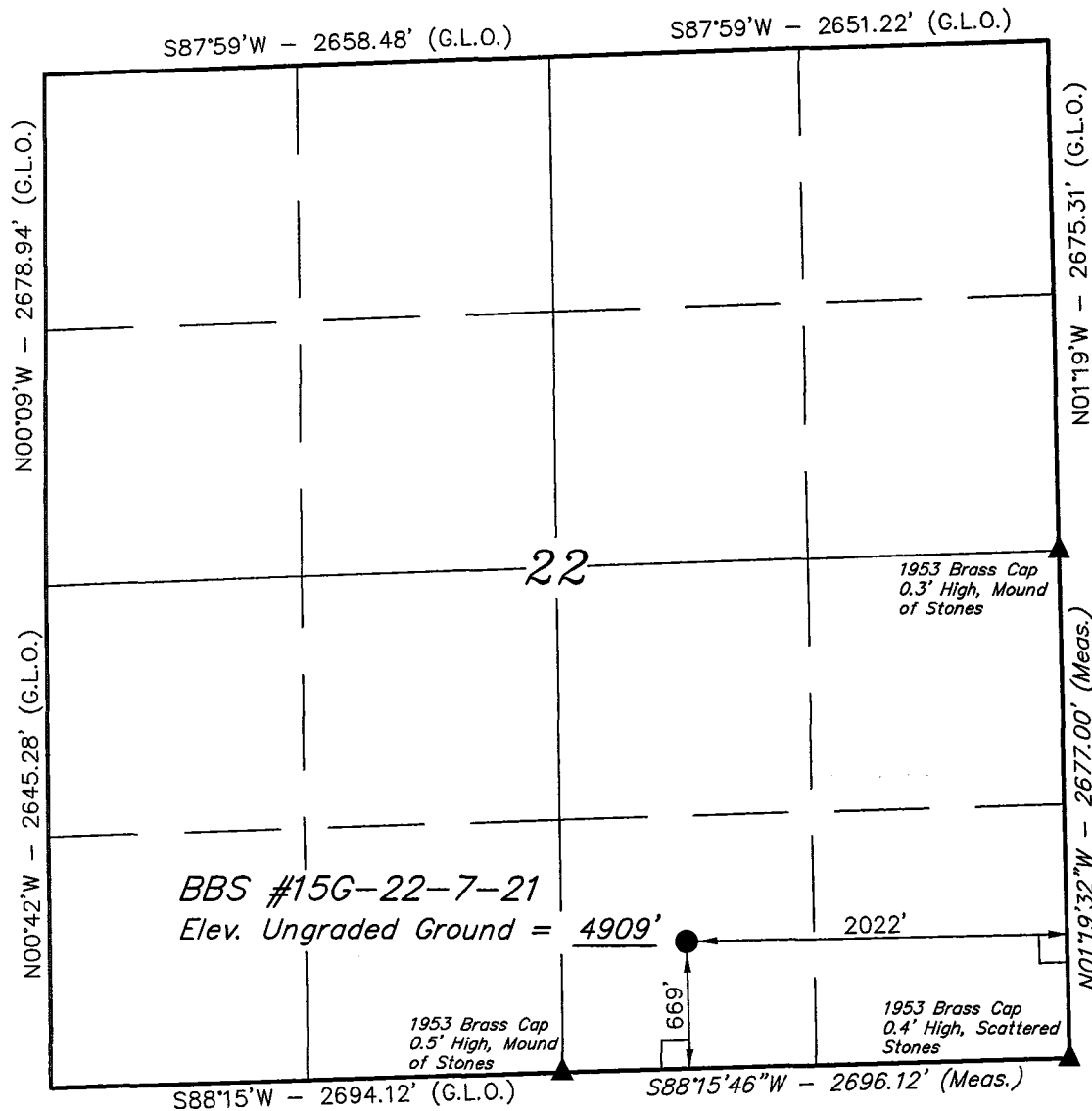
DEC 01 2005

CONFIDENTIAL

DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

T7S, R21E, S.L.B.&M.



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 40°11'28.04" (40.191122)

LONGITUDE = 109°32'20.96" (109.539156)

(AUTONOMOUS NAD 27)

LATITUDE = 40°11'28.17" (40.191158)

LONGITUDE = 109°32'18.47" (109.538464)

QUESTAR EXPLR. & PROD.

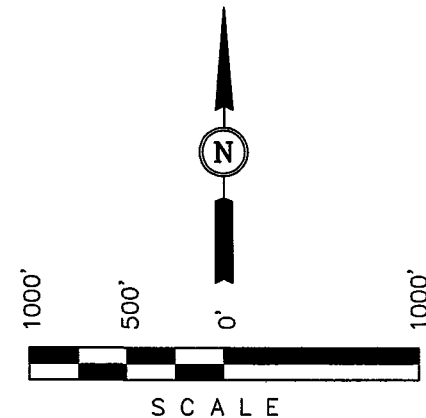
Well location, BBS #15G-22-7-21, located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 FEET.

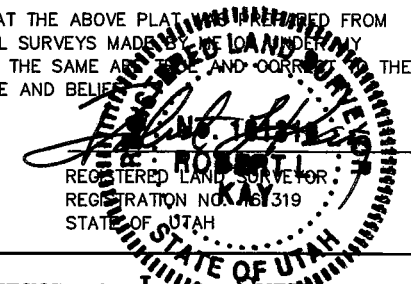
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 11-13-05
PARTY D.A. C.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

QEP Uinta Basin Inc. proposes to drill a well to 6850' to test the Green River. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

Please see QEP, Uinta Basin, Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that QEP, Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. ESB000024. The principal is QEP, Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Depth</i>
Uinta	Surface
Green River	3200'
TD	6850'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Oil/Gas	Green River	6850'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 2971. psi.

QEP UINTA BASIN INC.
BBS 15G-22-7-21
669' FSL 2022' FEL
SWSE, SECTION 22, T7S, R21E
UTU-74972
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the BBS 15G-22-7-21 on November 28, 2005. Weather conditions were clear and cold at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

1. Existing Roads:

The proposed well site is approximately 35 miles Southeast of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be improvements made to existing two-track road.

2. Planned Access Roads:

Please see QEP Uinta Basin Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

The part of road that travels off lease will require a ROW. The part of the proposed access road is approximately 7400' in length. The new access road will be 30' in width crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see QEP Uinta Basin, Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Product will be contained in tanks and transported from location.

A muffler will be placed on pumping unit for noise control.

5. Location and Type of Water Supply:

Please see QEP Uinta Basin, Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. Source of Construction Materials:

Please see QEP Uinta Basin, Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. Methods of Handling Waste Materials:

Please see QEP Uinta Basin, Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. Ancillary Facilities:

Please see QEP Uinta Basin, Inc. Standard Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Plans for Reclamation of the Surface:

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Interim Reclamation:

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Thread Grass

Final Reclamation:

Seed Mix # 1 - 3 lbs. Indian Rice Grass, 1 lbs. Needle & Thread Grass, 4 lbs. Hycrest Crested Wheat

3 lbs. Fourwing Saltbush

11. Surface Ownership:

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

There is a Burrowing Owl Stipulation from April 1st to August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

No drilling or construction will take place during the Pronghorn season May 10 thru June 20th.

QEP will clean out existing pond.

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

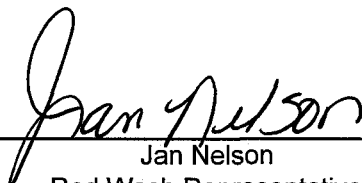
Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson
Red Wash Representative

28-Nov-05

Date

QUESTAR EXPLR. & PROD.

BBS #15G-22-7-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T7S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 14 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: C.P.

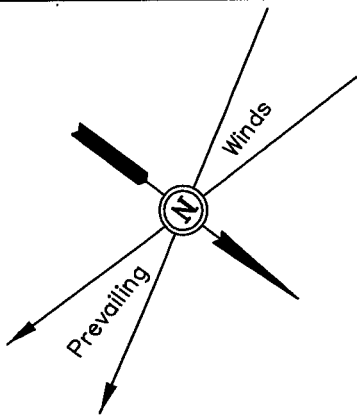
REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

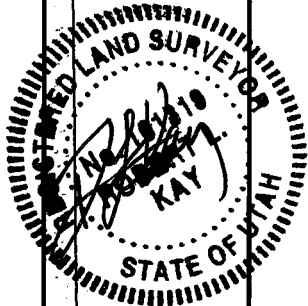
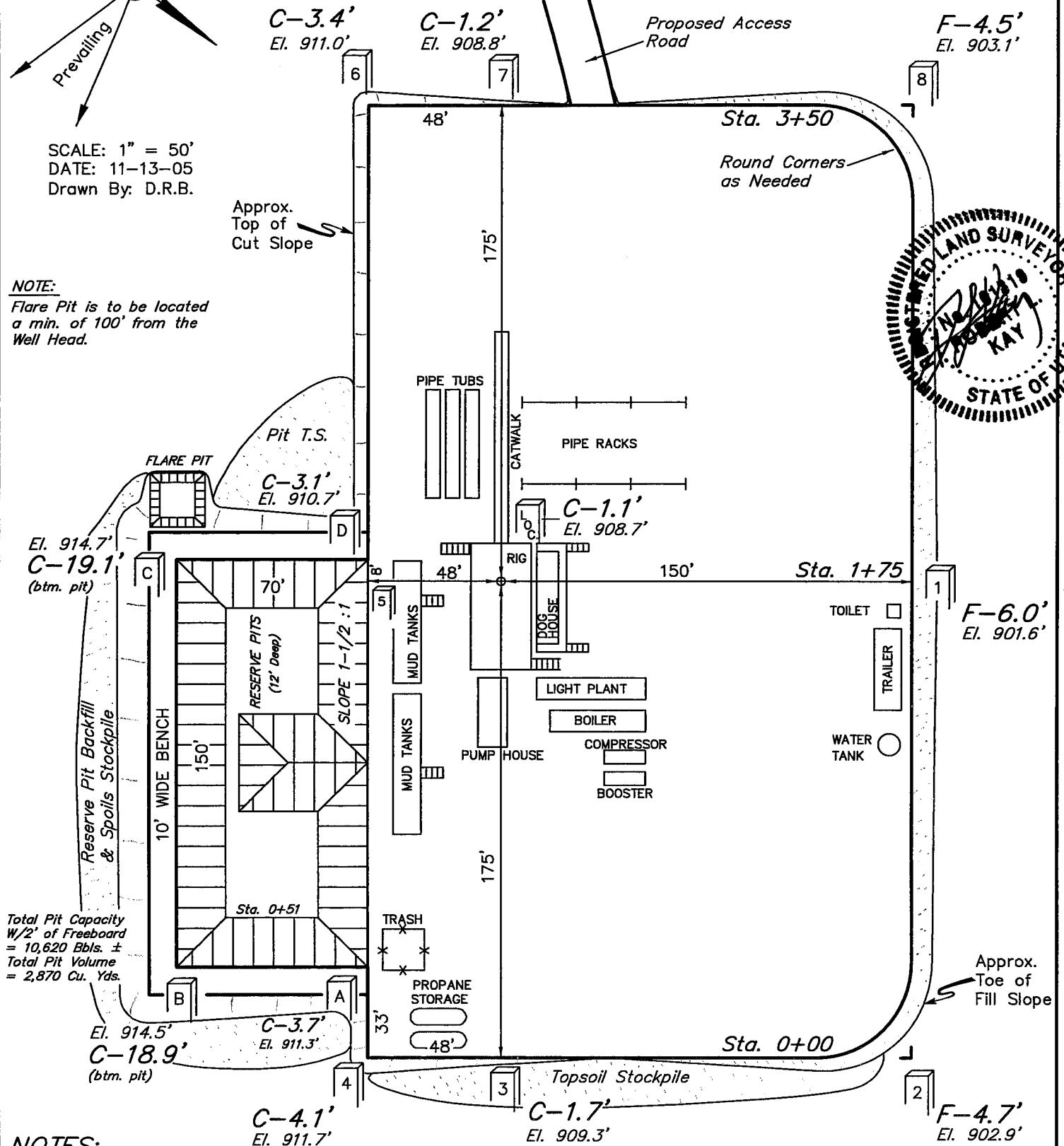
BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
669' FSL 2022' FEL



SCALE: 1" = 50'
DATE: 11-13-05
Drawn By: D.R.B.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4908.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 4907.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

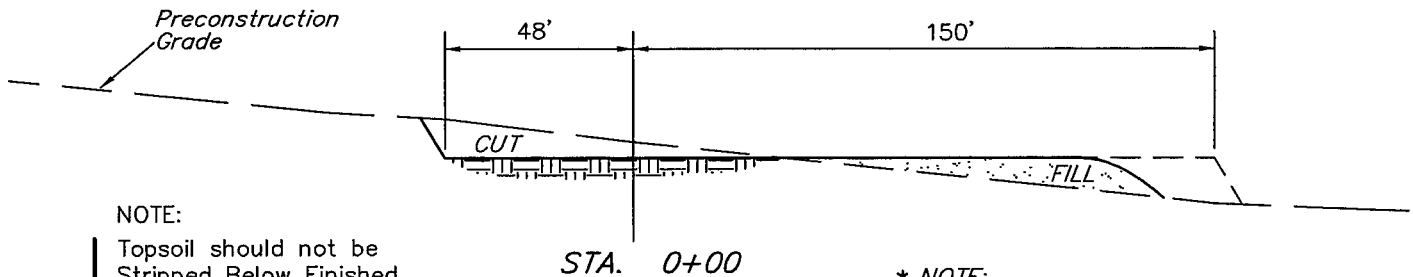
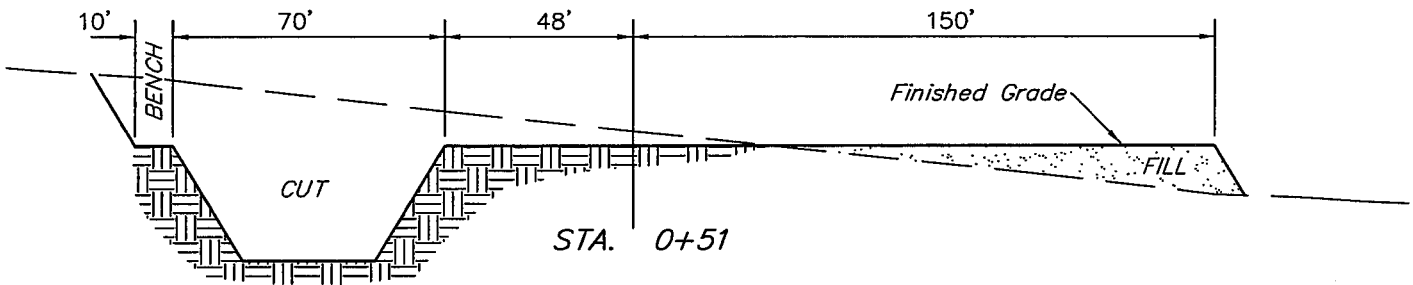
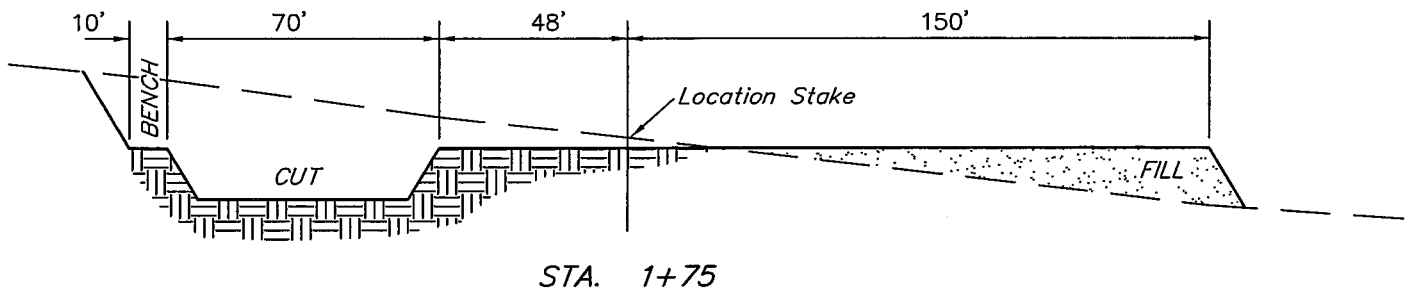
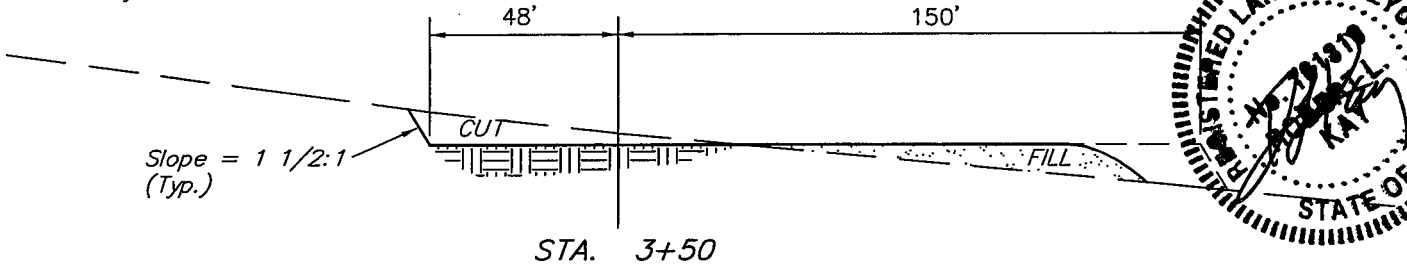
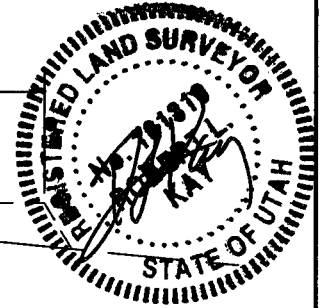
BBS #15G-22-7-21

SECTION 22, T7S, R21E, S.L.B.&M.

669' FSL 2022' FEL

X-Section
Scale
1" = 20'
1" = 50'

DATE: 11-13-05
Drawn By: D.R.B.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,740 Cu. Yds.
Remaining Location = 6,990 Cu. Yds.

TOTAL CUT = 8,730 CU.YDS.

FILL = 5,550 CU.YDS.

EXCESS MATERIAL = 3,180 Cu. Yds.

Topsoil & Pit Backfill = 3,180 Cu. Yds.
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

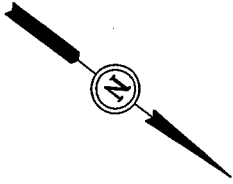
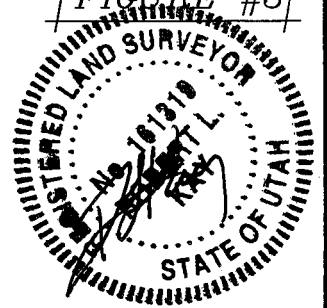
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1077

QUESTAR EXPLR. & PROD.

INTERIM RECLAMATION PLAN FOR

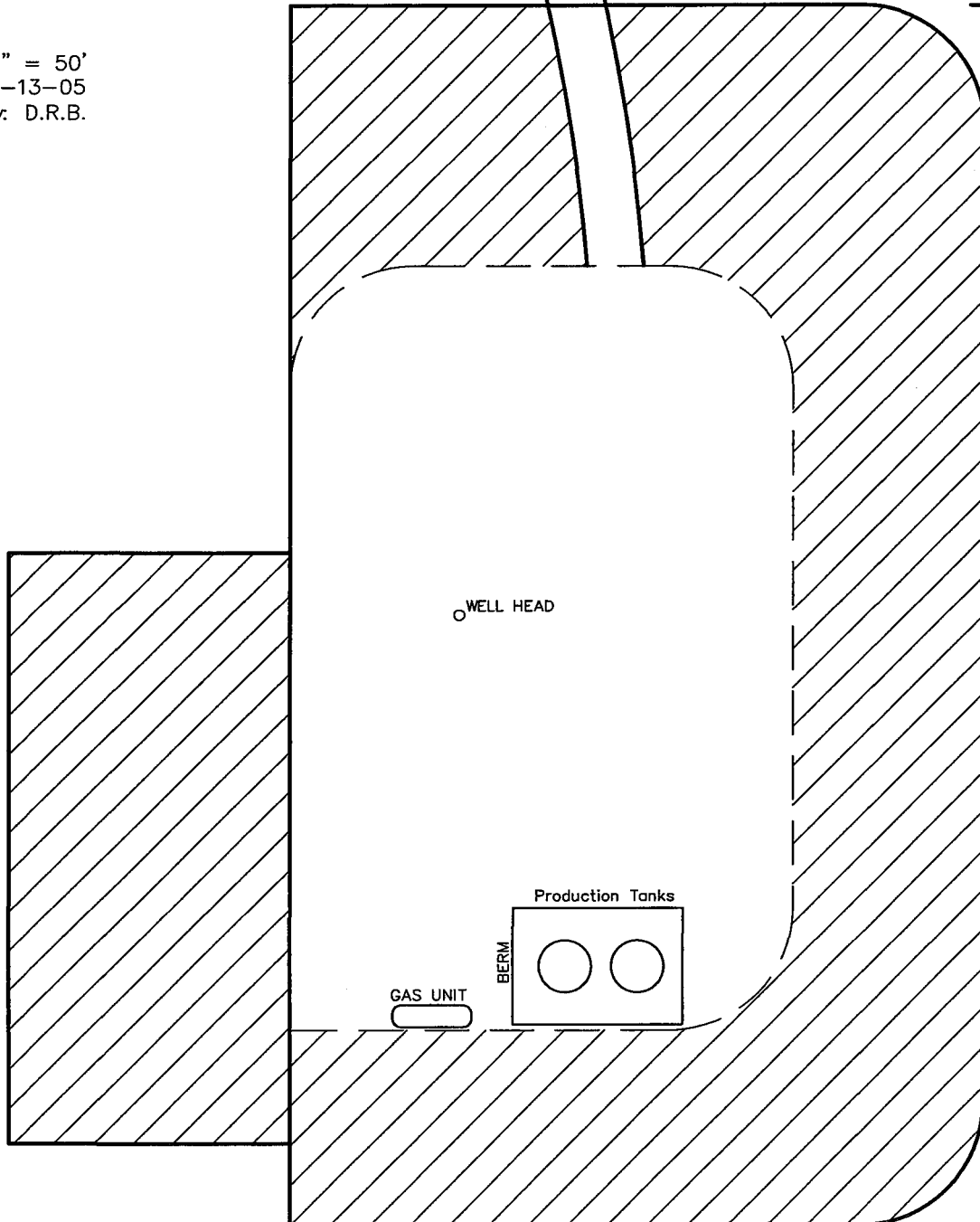
BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
669' FSL 2022' FEL

FIGURE #3

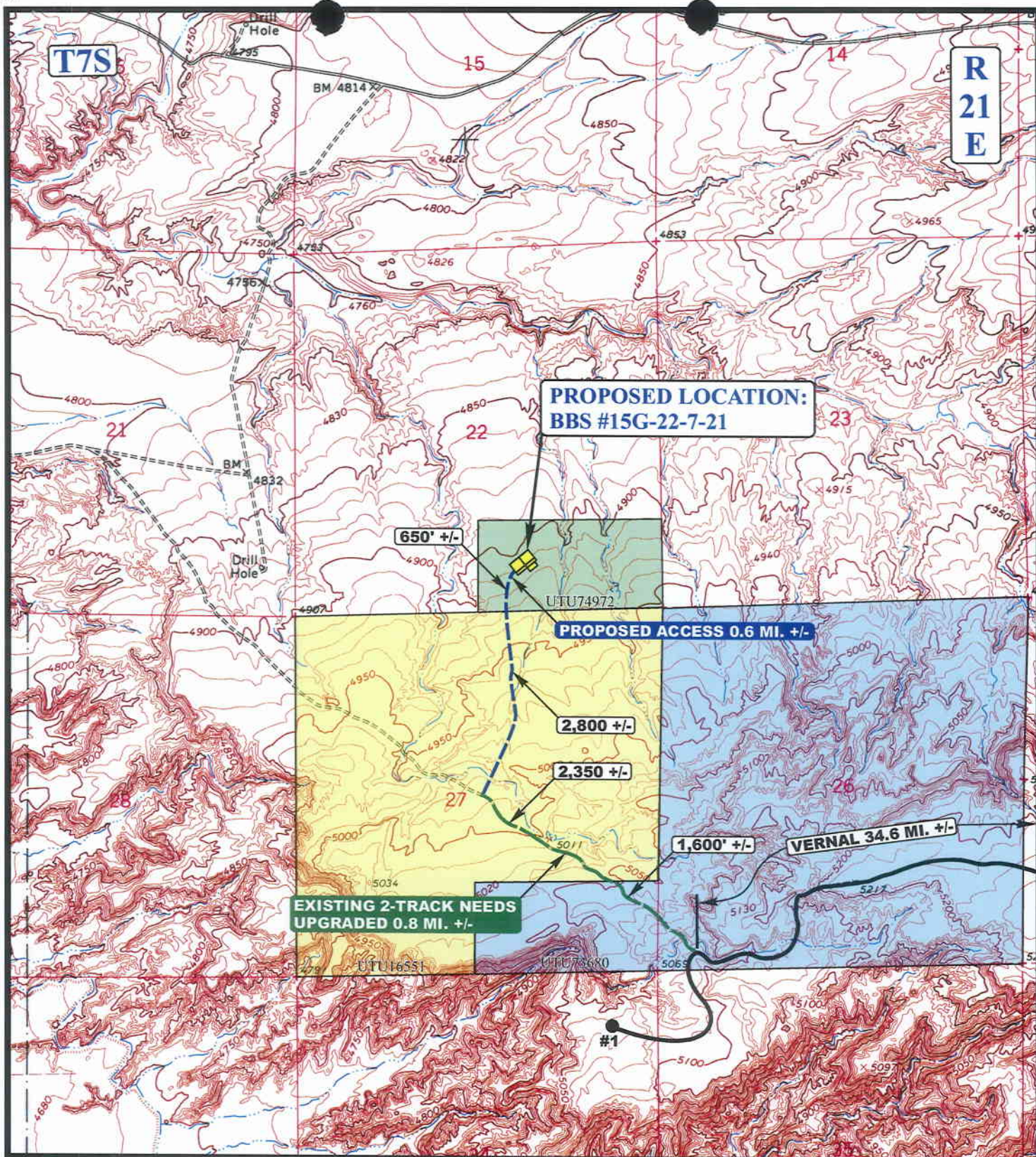


SCALE: 1" = 50'
DATE: 11-13-05
Drawn By: D.R.B.

Access Road



INTERIM RECLAMATION



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

QUESTAR EXPLR. & PROD.

BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
SW 1/4 SE 1/4



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

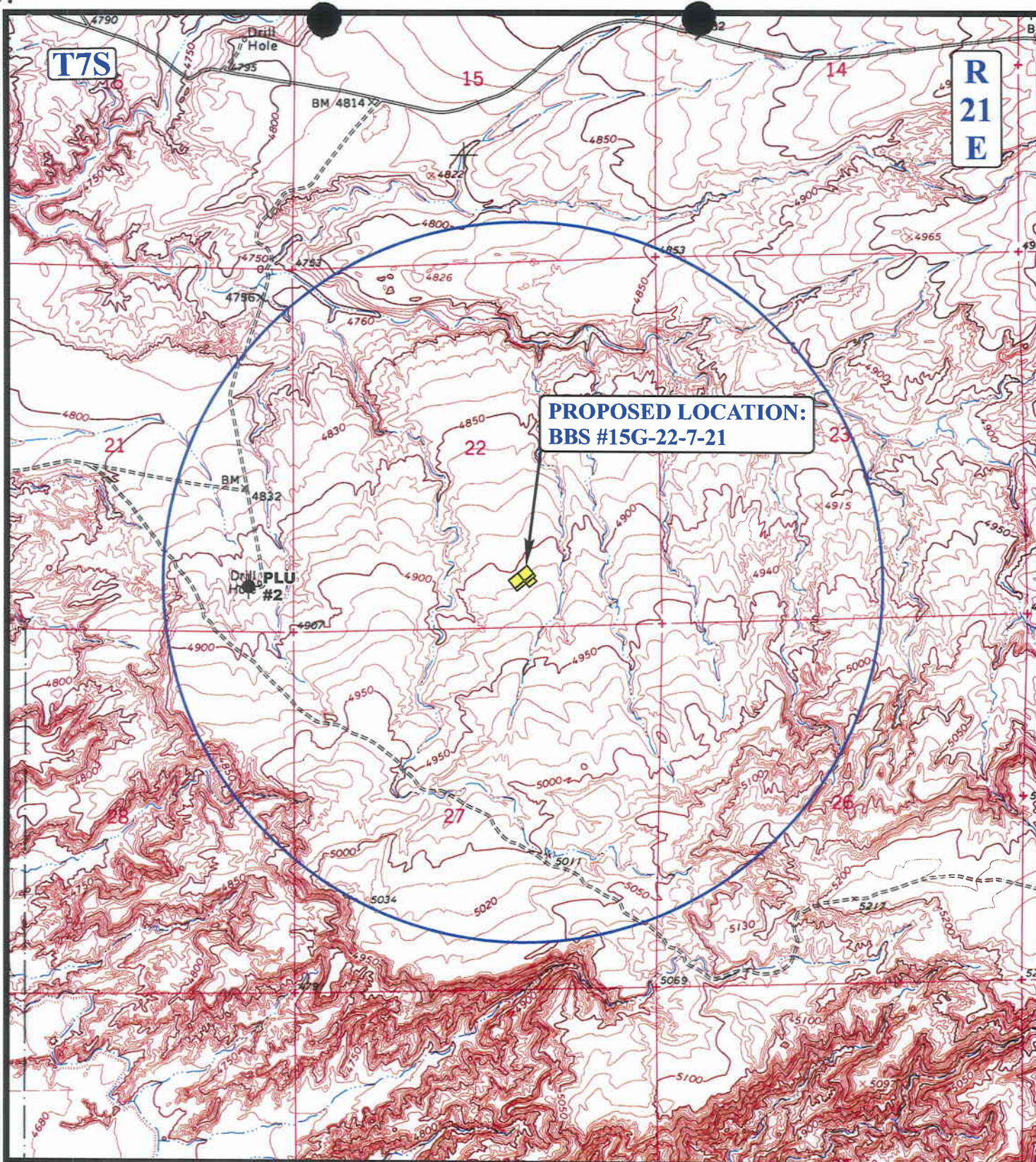


TOPOGRAPHIC
MAP

11 **14** **05**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

QUESTAR EXPLR. & PROD.

BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
SW 1/4 SE 1/4



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 14 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/01/2005

API NO. ASSIGNED: 43-047-37443

WELL NAME: BBS 15G-22-7-21

OPERATOR: QEP UINTA BASIN, INC. (N2460)

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SWSE 22 070S 210E

SURFACE: 0669 FSL 2022 FEL

BOTTOM: 0669 FSL 2022 FEL

UINTAH

WILDCAT (1)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74972

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.19114

LONGITUDE: -109.5385

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB00024)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

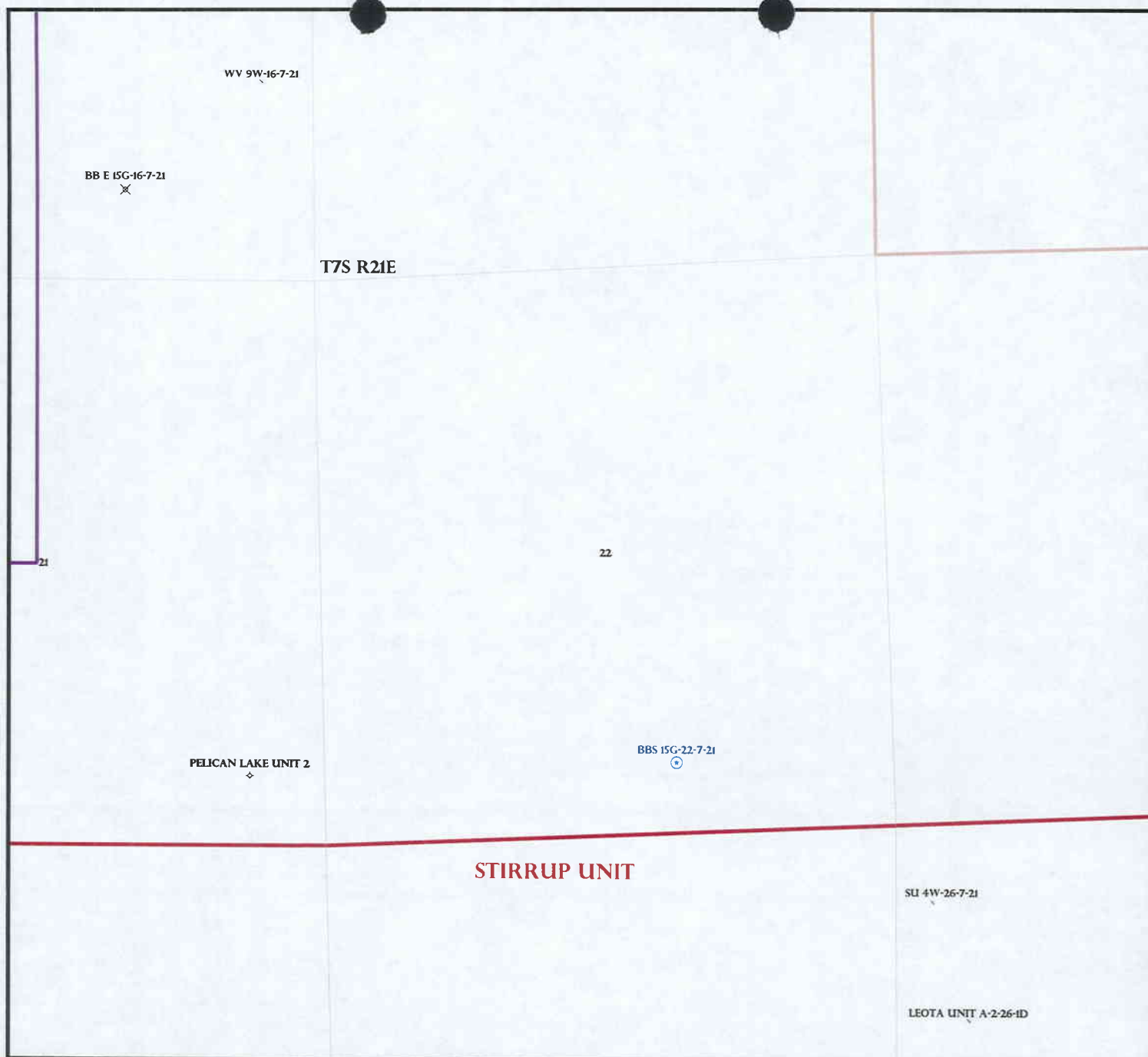
___ R649-2-3.
Unit ___
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___
___ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

*1- Federal Approval
2- Spacing Slip*



STIRRUP UNIT

OPERATOR: QEP UITNA BASIN INC (N2460)

SEC: 22 T. 7S R. 21E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status

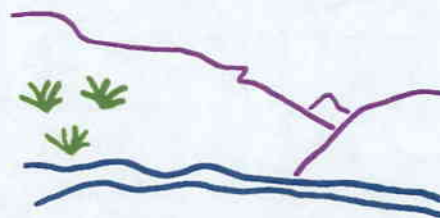
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 5-DECEMBER-2005



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 5, 2005

QEP Uinta Basin, Inc.
11002 E 17500 S
Vernal, UT 84078

Re: BBS 15G-22-7-21 Well, 669' FSL, 2022' FEL, SW SE, Sec. 22, T. 7 South,
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37443.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.
Well Name & Number BBS 15G-22-7-21
API Number: 43-047-37443
Lease: UTU-74972

Location: SW SE Sec. 22 T. 7 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

NOV 29 2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0138
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-74972	
TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR QEP Uinta Basin, Inc.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. BBS 15G-22-7-21	
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		9. API WELL NO. 43-047-37443	
Telephone number Phone 435-781-4331 Fax 435-781-4323		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 669' FSL 2022' FEL, SWSE, SECTION 22, T7S, R21E		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SWSE, SECTION 22, T7S, R21E	
At proposed production zone SAME		12. COUNTY OR PARISH UINTAH	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 35+/- MILES SOUTHEAST OF VERNAL, UT		13. STATE UT	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 669' +/-		16. NO. OF ACRES IN LEASE 360	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
19. PROPOSED DEPTH 6850'		20. BLM/BIA Bond No. on file ESB00024	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4907.6 GR		22. DATE WORK WILL START ASAP	
		23. Estimated duration 10 DAYS	
24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

Jan Nelson

Name (Printed) JAN NELSON

28-Nov-05

TITLE

REGULATORY AFFAIRS

(This space for Federal or State office use)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Thomas R. Leavitt

TITLE

Assistant Field Manager
Mineral Resources

*See Instructions On Reverse Side

DATE

05/04/2006

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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MAY 11 2006

DIV. OF OIL, GAS & MINING

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4006M



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO
DRILL**

Company:	QEP UINTA BASIN INC	Location:	SWSE, Sec.25 , T8S, R24E		
Well No:	BBS 15G-22-7-21	Lease No:	UTU-74972		
API No:	43-047-37443	Agreement:	N/A		
Petroleum Engineer:	Matt Baker	Office:	435-781-4490	Cell:	435-828-4470
Petroleum Engineer:	Michael Lee	Office:	435-781-4432	Cell:	435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office:	435-781-4502	Cell:	435-828-3913
Environmental Scientist:	Paul Buhler	Office:	435-781-4475	Cell:	435-828-4029
Environmental Scientist:	Karl Wright	Office:	435-781-4484		
Natural Resource Specialist:	Holly Villa	Office:	435-781-4404		
Natural Resource Specialist:	Melissa Hawk	Office:	435-781-4476		
After hours message number: (435) 781-4513		Office Fax: (435) 781-4410			

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Paul BuhlerES / NRS) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Paul BuhlerES / NRS) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify PE) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger SPT) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger SPT) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify PE) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. Oil well, product will be trucked. No pipeline needed at this time.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or

workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty

determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL

3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-74972

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

BBS 15G-22-7-21

9. API Well No.

43-047-37443

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

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2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com

435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSE, SEC22-T7S-R21E, 669' FSL, 2022' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other SPUD



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 9/29/2006 - Drilled 60' of 20" conductor hole. Ran 2 jt's 60' of 14" conductor pipe and cement w/ Ready Mix.

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OCT 04 2006

DIV. OF OIL, GAS & MINING

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.

Signed

Dahn F. Caldwell

Dahn F. Caldwell

Title

Office Administrator II

Date

10/01/06

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

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OPERATOR: QEP Uinta Basin, Inc.
ADDRESS: 11002 East 17500 South
Vernal, Utah 84078-8526

OPERATOR ACCT. No. N-2460

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15688	43-047-36588 43-047-37443	BBS 15G-22-7-21	SWSE	22	7S	21E	Uintah	9/29/2006	10/5/06
WELL 1 COMMENTS: GRPV											
CONFIDENTIAL											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

John F. Caldwell (JFB)
Signature

Office Administrator II
Title

10/01/06
Date

NOTE: Use COMMENT section to explain why each Action Code was selected

Phone No. (435)781-4342

(3/89)

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OCT 04 2006

DIV. OF OIL, GAS & MINING

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QEP
BBS 15G 22-7-21
43-047-37443
22 7S 21E

11-14-06-11-20-06
Still Drilling – currently @ 5930 as of 11-20-06
Received 11-22-06

11-21-06-12-13-06
TD @ 6828 on 11-22-06, Rig Released on 11-24-06
Received 12-13-06

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Questar E & P
Operations Summary Report

Page 1 of 3

Well Name: BBS 15G-22-7-21
Location: 22- 7-S 21-E 26
Rig Name:

Spud Date: 9/29/2006
Rig Release:
Rig Number:

43-047-37443

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/25/2007	06:00 - 16:00	10.00	WOT	4	On 1/24/07 - INITIAL COMPLETION REPORT. On standby waiting on road grader to clear location. 24 Hour Forecast: Will MIRU.
1/26/2007	06:00 - 16:00	10.00	BOP	1	On 1/25/2007 SICP=0#. MIRU Gudac Bros Well Service. ND top flange. NU BOP. SWIFN. 24 Hour Forecast: will PU tbg. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806'
1/29/2007	06:00 - 16:00	10.00	TRP	2	On 1/26/07 SICP = 0#. PU, tally & rabbit in hole w/ 4-3/4" bit, 5-1/2" csg scraper & 210 jts new 2-7/8" J-55 tbg to tag @ 6740'. Displaced hole w/ 150 bbls 2% KCL water. LD 5 jts. POOH w/ 102 stds tbg. LD bit & scraper. Drain up. SWIFWE. 24 Hour Forecast: Will run CBL log. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806'
1/30/2007	06:00 - 16:00	10.00	PERF	2	On 1/29/07, SICP = 0#. MIRU Cutters WL. Run a CBL/DVL/GR log from tag @ 6725' to surface. Correlated the CBL to the Halliburton Open Hole log dated 11/23/06. Pressure tested csg to 4000#. OK. Perforated per the Cutters CBL dated 1/29/07, H4a Lime interval 6575' - 6580' at 4 SPF w/ 90" phasing, 4" HSC csg gun. RDMO Cutters WL. RIH w/ Weatherford HD PKR, 1 jt 2-7/8" tbg, 2.31" XN-Nipple & 2-7/8" tbg to 6500'. Poured diesel down tbg & csg. Set PKR w/ 40K compression. Drain up equipment. SWIFN. 24 Hour Forecast: Will pump 5000 gal 28% acid job. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806' Perfs H4a Lime 6575' - 6580'
1/31/2007	06:00 - 16:00	10.00	STIM	1	On 1/30/07, SICP = 0#. Pre-job safety meeting. MIRU Halliburton acid crew. Prime & test Halliburton lines. Pumped 3 bbls 2% KCL water to load tbg. Break down perfs @ 2903# w/ 2% KCL water. Pumped 5000 gals 28% HCL acid in to perfs @ 6575' - 80'. Pumped acid @ 4 BPM & 1800# pressure. Flushed tbg & csg w/ 100 bbls 2% KCL water. Max pressure = 2900#. FG = .60. ISIP = 1300#. 5 minute SI = 1154#. 15 minute SI = 997#. Total fluid pumped = 225 bbls. RDMO Halliburton acid crew. Open well, flowed back 50 bbls fluid. Well died. RU swab equipment. 1st run fluid level @ surface. Made 3 runs, well 20 bbls acid, water & 1% oil (heavy oil). Well died. Made 13 more swab runs. FFL = 2200'. Each swab run recovered acid, water & 5% oil. Had steady acid gas glow after each run. Total recovered today = 167 bbls. Final PH = 3. RD swab equipment. Drain up. Flushed tbg w/ 40 bbls 2% KCL. SWIFN. 24 Hour Forecast: Will flow test well.

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DIV. OF OIL, GAS & MINING

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Questar E & P
Operations Summary Report

Page 2 of 3

Well Name: BBS 15G-22-7-21
Location: 22- 7-S 21-E 26
Rig Name:

Spud Date: 9/29/2006
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
1/31/2007	06:00 - 16:00	10.00	STIM	1	Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806' Perfs H4a Lime 6575' - 6580' Acidized
2/1/2007	06:00 - 16:00	10.00	SWAB	1	1/30/07 - SICP = 0#. Pre-job safety meeting. BLLTR: 132. Pkr @ 6500'. Perfs @ 6575' - 6580'. Open well. RU swab equipment. 1st run fluid level @ 2000'. PF 3200'. Recovered 6 bbls fluid; 59% gas cut oil. Made 18 swab runs. Recovered 109 bbls fluid. Cutting 95% oil the last 9 runs. FFL = 3300'. Total recovered today = 109 bbls. BLLTR = 23 bbls. FER = 18 BPH. RD swab equipment. Drain up. Final PH = 7. SWIFN. 24 Hour Forecast: Will POOH w/ PKR. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806' Perfs H4a Lime 6575' - 6580' Acidized
2/2/2007	06:00 - 16:00	10.00	TRP	2	On 2/1/07, SICP = 0#. BLLTR = 23. Pkr @ 6500'. Perfs @ 6575' - 6580'. Open well. Pumped 50 bbls 2% KCL water down tbg. Well wouldn't fill up. Released Pkr. POOH w/ 2-7/8" tbg, laying down xn-nipple & Pkr. RIH w/ pinned NC, 1 jt tbg, PSN, 2 jts 2-7/8" tbg. Type "T" anchor & 204 jts 2-7/8" tbg. ND BOP. Set TAC w/ 17K tension. Land on B-1 adapter. NU WH. Pumped 8 bbls xyzol & 10 2% KCL water. Drain up. SWIFN. 24 Hour Forecast: Will RIH w/ pump & rods. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806' Perfs H4a Lime 6575' - 6580' Acidized
2/3/2007	06:00 - 16:00	10.00	TRP	2	On 2/2/07, SICP = 0#. RU Hot Oil. Flushed tbg w/ 45 bbls 250" 2% KCL water. Primed pump (#1466), 2-1/2 x 1-3/4 16 x 19 x 20. RHAC pump 16". RIH w/ pump, 152 plain 3/4" rods, 112 plain 7/8" rods, 1-1/2" x 26 polish rod. Filled w/ 15 gal diesel & 15 bbls 2%. Long stroked pump to 800#. OK. RDMO service rig & equipment. BLLTR = 253 bbls. FINAL COMPLETION REPORT. Casing size: 5 1/2" 15.5# K-55 Casing depth: 6806' Perfs H4a Lime 6575' - 6580' Acidized Tbg Detail KB 15.0

Printed: 3/6/2007 12:47:21 PM

Questar E & P
Operations Summary Report

Page 3 of 3

Well Name: BBS 15G-22-7-21
Location: 22- 7-S 21-E 26
Rig Name:

Spud Date: 9/29/2006
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/3/2007	06:00 - 16:00	10.00	TRP	2	<p>B-1 Adaptor 0.0 Tension 1.50 204 jts 2-7/8" J-55 6547.83 5-1/2" Type T TAC 2.67 16 jts 2-7/8" Special Hardened Pipe 64.86 PSN 1.10 2 jts 2-7/8" J-55 32.0 Pinned Notch Collar .45 Tbg Tail @ 6665.41 PSN @ 6631.86</p> <p>Rod & Pump Detail 1-1/2" x 25' Polish Rod no ponies 152 - 7/8" Plan</p> <p>Weatherford Pump 2.5 x 1.75 x 16 19 20 RHAC Pump # #1466 161. max stroke</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		9. WELL NO. BBS 15G 22 7 21	
3. ADDRESS OF OPERATOR 1571 East 1700 South Vernal, UT 84078 Contact: Dahn Caldwell 435-781-4342 Fax # 435.781.4357		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 669' FSL, 2022' FEL, SWSE, Sec 22-T7S, R21E At top rod. interval reported below 669' FSL, 2022' FEL, SWSE, Sec 22-T7S, R21E At total depth 669' FSL, 2022' FEL, SWSE, Sec 22-T7S, R21E		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 22-T7S-R21E	
14. PERMIT NO. 43-047-37443		12. COUNTY OR PARISH UINTAH	
DATE ISSUED		13. STATE UT	
15. DATE SPURRED 9/29/06	16. DATE T.D. REACHED 11/22/06	17. DATE COMPL. (Ready to prod.) 2/2/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB
20. TOTAL DEPTH, MD & TVD 6828'	21. PLUG BACK T.D., MD & TVD 6767'	22. IF MULTIPLE COMPL., HOW MANY*	19. ELEV. CASINGHEAD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* H4a Lime 6575' – 6580' GRRV			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL & HRI SPECTRAL DENSITY DSN			27. WAS WELL CORED NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36#	495'	12-1/4"
5-1/2"	15.5#	6806'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	8679'		
31. PERFORATION RECORD (Interval, size and number) H4a Lime 6575' – 6580'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6575' – 6580'		5000 GALS 28% ACID JOB	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2/6/07	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING		WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 2/11/07	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N FOR TEST PERIOD 163
FLOW. TUBING PRESS. 140	CASING PRESSURE 140	CALCULATED 24-HOUR RATE 163	GAS-OIL RATIO 36
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY
35. LIST OF ATTACHMENTS WELLBORE SCHEMATIC			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED JIM SIMONTON		COMPLETION SUPERVISOR	DATE 4/2/07

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS BBS 15G 22 7 21		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA GREEN RIVER TD	SURFACE 3200' 6828'			UINTA GREEN RIVER TD	SURFACE 3200' 6828'	
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Soud Date: 9-29-06 Completion date: 2-3-07

Current Well Status:

Uintah County, Utah

Reason for Pull/Workover: Initial completion of oil well

Deviation: Less than 1 deg/100'

Wellbore Schematic

Surface casing

Size: 9-5/8"
Weight: 36#
Grade: J-55
Set @ 495
Cmtd w/ sk 300
Hole size: 12-1/4"

TOC @ 160 '

EXCLUDED PERFS

OPEN PERES

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		15.00	15.00
Hanger		0.75	15.75
15 J-55 2-7/8" 6.5# tbg		8,629.23	8,644.98
2.31" XN-nipple		0.84	8,645.82
1 jts 2-7/8" J-55		32.48	8,678.30
Barred notched collar		0.80	8,679.10
EOT ®			8,679.10

Typing Information:

Condition:

New: X Used: Rerun:

Grade: J-55

Weight (#/ft): 6.5#

Wellhead Detail: Example: 7-1/16" 3000#

4- 1/16" 10K

Other:

Hanger: Yes ☒ No ☐

Sucker Rod Detail:

Size	#Rods	Rod Type
1 1/2" x 26' Polish Rod		
no ponies		
7/8" plain rods	112	
3/4" plain rods	152	

Rod Information

Condition:

New: x Used: Rerun:

Grade:

Manufacture:

Pump Information:

Pump size 2.5x1.75x16x19x20

Make & SA Weatherford RHAC #1466

Max Stroke 161" Run Date: 1-23-07

Run: New Run:x Rebuild:

SUMMARY

1-30-07

Zone 1 5000 gal 28% acid job.	H4a Lime	6575'-6580'
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1-8-07 Turned well over to production.

6575'-6580' H4a Lime

F-nipple © 8646

EOT @ 8679

Production Casing

Size: 5-1/2"
Weight: 15.5#
Grade: J-55
Set @ 6806
Cmtd w/ sk 640
Hole size:

PBTD @ 6767'

TD @ 6828 '

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Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2007

FROM: (Old Operator):

N2460-QEP Uinta Basin, Inc.
 1050 17th St, Suite 500
 Denver, CO 80265

Phone: 1 (303) 672-6900

TO: (New Operator):

N5085-Questar E&P Company
 1050 17th St, Suite 500
 Denver, CO 80265

Phone: 1 (303) 672-6900

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
FEDERAL 2-29-7-22	FEDERAL 2-29-7-22	NESW	29	070S	220E	4304715423	5266	Federal	GW	S
UTAH FED D-1	UTAH FED D-1	SWSW	14	070S	240E	4304715936	10699	Federal	GW	S
UTAH FED D-2	UTAH FED D-2	NESW	25	070S	240E	4304715937	9295	Federal	GW	S
PRINCE 1	PRINCE 1	SWSW	10	070S	240E	4304716199	7035	Federal	GW	P
UTAH FED D-4	UTAH FED D-4	SWSE	14	070S	240E	4304731215	9297	Federal	GW	S
FZ BB 1	BRENNAN FZ-BB1	NESE	20	070S	210E	4304731805	10952	Federal	GW	TA
EAST COYOTE FED 14-4-8-25	EAST COYOTE FED 14-4-8-25	SESW	04	080S	250E	4304732493	11630	Federal	OW	P
F S PRINCE 4	PRINCE 4	SWSW	03	070S	240E	4304732677	7035	Federal	OW	P
GYPSUM HILLS 21	GH 21 WG	SWSW	21	080S	210E	4304732692	11819	Federal	GW	P
SAGE GROUSE FED 6-14-8-22	OU SG 6 14 8 22	SESW	14	080S	220E	4304732746	11944	Federal	GW	P
GYPSUM HILLS 22WG	GH 22 WG	SWNW	22	080S	210E	4304732818	12336	Federal	GW	P
SAGE GROUSE 12A-14-8-22	SAGE GROUSE 12A-14-8-22	NWSW	14	080S	220E	4304733177	12524	Federal	GW	S
OU GB 12W-20-8-22	OU GB 12W-20-8-22	NWSW	20	080S	220E	4304733249	13488	Federal	GW	P
GBU 15-18-8-22	OU GB 15 18 8 22	SWSE	18	080S	220E	4304733364	12690	Federal	GW	P
GLEN BENCH FED 3W-17-8-22	OU GB 3W 17 8 22	NENW	17	080S	220E	4304733513	12950	Federal	GW	P
GLEN BENCH FED 5W-17-8-22	OU GB 5W 17 8 22	SWNW	17	080S	220E	4304733514	12873	Federal	GW	P
WV FED 9W-8-8-22	WV 9W 8 8 22	NESE	08	080S	220E	4304733515	13395	Federal	GW	P
GB FED 9W-18-8-22	OU GB 9W 18 8 22	NESE	18	080S	220E	4304733516	12997	Federal	GW	P
OU GB 3W-20-8-22	OU GB 3W-20-8-22	NENW	20	080S	220E	4304733526	13514	Federal	GW	P
GLEN BENCH 12W-30-8-22	OU GB 12W 30 8 22	NWSW	30	080S	220E	4304733670	13380	Federal	GW	P
WV F U 10W-8-8-22	WV 10W 8 8 22	NWSE	08	080S	220E	4304733814	13450	Federal	GW	P
GH 7W-21-8-21	GH 7W-21-8-21	SWNE	21	080S	210E	4304733845	13050	Federal	GW	P
GH 9W-21-8-21	GH 9W-21-8-21	NESE	21	080S	210E	4304733846	13074	Federal	GW	P
GH 11W-21-8-21	GH 11W-21-8-21	NESW	21	080S	210E	4304733847	13049	Federal	GW	P
GH 15W-21-8-21	GH 15W-21-8-21	SWSE	21	080S	210E	4304733848	13051	Federal	GW	P
WV 7W-22-8-21	WV 7W-22-8-21	SWNE	22	080S	210E	4304733907	13230	Federal	GW	P
WV 9W-23-8-21	WV 9W-23-8-21	NESE	23	080S	210E	4304733909	13160	Federal	GW	P
GHU 14W-20-8-21	GH 14W 20 8 21	SESW	20	080S	210E	4304733915	13073	Federal	GW	P
GB 4W-30-8-22	OU GB 4W 30 8 22	NWNW	30	080S	220E	4304733945	13372	Federal	GW	P
GB 9W-19-8-22	OU GB 9W 19 8 22	NESE	19	080S	220E	4304733946	13393	Federal	GW	P
GB 10W-30-8-22	OU GB 10W 30 8 22	NWSE	30	080S	220E	4304733947	13389	Federal	GW	P
GB 12W-19-8-22	OU GB 12W 19 8 22	NWSW	19	080S	220E	4304733948	13388	Federal	GW	P
GB 9W-25-8-21	GB 9W-25-8-21	NESE	25	080S	210E	4304733960	13390	Federal	GW	P
WV 1W-5-8-22	SU 1W 5 8 22	NENE	05	080S	220E	4304733985	13369	Federal	GW	P
WV 3W-5-8-22	SU 3W 5 8 22	NENW	05	080S	220E	4304733987	13321	Federal	OW	S
WV 7W-5-8-22	SU 7W 5 8 22	SWNE	05	080S	220E	4304733988	13235	Federal	GW	P
WV 9W-5-8-22	SU 9W 5 8 22	NESE	05	080S	220E	4304733990	13238	Federal	GW	P
WV 11W-5-8-22	SU 11W 5 8 22	NESW	05	080S	220E	4304733992	13239	Federal	GW	S
WV 13W-5-8-22	SU 13W 5 8 22	SWSW	05	080S	220E	4304733994	13236	Federal	GW	S
WV 15W-5-8-22	SU 15W 5 8 22	SWSE	05	080S	220E	4304733996	13240	Federal	GW	P
WV 8W-8-8-22	WV 8W-8-8-22	SENE	08	080S	220E	4304734005	13320	Federal	GW	P
WV 14W-8-8-22	WV 14W-8-8-22	SESW	08	080S	220E	4304734007	13322	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 6W-20-8-22	OU GB 6W-20-8-22	SESW	20	080S	220E	4304734018	13518	Federal	GW	P
GB 5W-30-8-22	OU GB 5W 30 8 22	SWNW	30	080S	220E	4304734025	13502	Federal	GW	P
GB 11W-20-8-22	OU GB 11W 20 8 22	NESW	20	080S	220E	4304734039	13413	Federal	GW	P
OU GB 4W-20-8-22	OU GB 4W-20-8-22	NWNW	20	080S	220E	4304734043	13520	Federal	GW	P
GH 5W-21-8-21	GH 5W-21-8-21	SWNW	21	080S	210E	4304734147	13387	Federal	GW	P
GH 6W-21-8-21	GH 6W-21-8-21	SESW	21	080S	210E	4304734148	13371	Federal	GW	P
GH 8W-21-8-21	GH 8W-21-8-21	SENE	21	080S	210E	4304734149	13293	Federal	GW	P
GH 10W-20-8-21	GH 10W-20-8-21	NWSE	20	080S	210E	4304734151	13328	Federal	GW	P
GH 10W-21-8-21	GH 10W-21-8-21	NWSE	21	080S	210E	4304734152	13378	Federal	GW	P
GH 12W-21-8-21	GH 12W-21-8-21	NWSW	21	080S	210E	4304734153	13294	Federal	GW	P
GH 14W-21-8-21	GH 14W-21-8-21	SESW	21	080S	210E	4304734154	13292	Federal	GW	P
GH 16W-21-8-21	GH 16W-21-8-21	SESE	21	080S	210E	4304734157	13329	Federal	GW	P
GB 5W-20-8-22	OU GB 5W 20 8 22	SWNW	20	080S	220E	4304734209	13414	Federal	GW	P
WV 6W-22-8-21	WV 6W-22-8-21	SESW	22	080S	210E	4304734272	13379	Federal	GW	P
GH 1W-20-8-21	GH 1W-20-8-21	NENE	20	080S	210E	4304734327	13451	Federal	GW	P
GH 2W-20-8-21	GH 2W-20-8-21	NWNE	20	080S	210E	4304734328	13527	Federal	GW	P
GH 3W-20-8-21	GH 3W-20-8-21	NENW	20	080S	210E	4304734329	13728	Federal	GW	P
GH 7W-20-8-21	GH 7W-20-8-21	SWNE	20	080S	210E	4304734332	13537	Federal	GW	P
GH 9W-20-8-21	GH 9W-20-8-21	NESE	20	080S	210E	4304734333	13411	Federal	GW	P
GH 11W-20-8-21	GH 11W-20-8-21	NESW	20	080S	210E	4304734334	13410	Federal	GW	P
GH 15W-20-8-21	GH 15W-20-8-21	SWSE	20	080S	210E	4304734335	13407	Federal	GW	P
GH 16W-20-8-21	GH 16W-20-8-21	SESE	20	080S	210E	4304734336	13501	Federal	GW	P
WV 12W-23-8-21	WV 12W-23-8-21	NWSW	23	080S	210E	4304734343	13430	Federal	GW	P
OU GB 13W-20-8-22	OU GB 13W-20-8-22	SWSW	20	080S	220E	4304734348	13495	Federal	GW	P
OU GB 14W-20-8-22	OU GB 14W-20-8-22	SESW	20	080S	220E	4304734349	13507	Federal	GW	P
OU GB 11W-29-8-22	OU GB 11W-29-8-22	NESW	29	080S	220E	4304734350	13526	Federal	GW	P
WV 11G-5-8-22	WVX 11G 5 8 22	NESW	05	080S	220E	4304734388	13422	Federal	OW	P
WV 13G-5-8-22	WVX 13G 5 8 22	SWSW	05	080S	220E	4304734389	13738	Federal	OW	P
WV 15G-5-8-22	WVX 15G 5 8 22	SWSE	05	080S	220E	4304734390	13459	Federal	OW	P
SU BRENNAN W 15W-18-7-22	SU BRENNAN W 15W-18-7-22	SWSE	18	070S	220E	4304734403	13442	Federal	GW	TA
STIRRUP U 16W-5-8-22	SU 16W 5 8 22	SESE	05	080S	220E	4304734446	13654	Federal	GW	P
STIRRUP U 2W-5-8-22	SU 2W 5 8 22	NWNE	05	080S	220E	4304734455	13700	Federal	GW	P
WV 10W-5-8-22	SU 10W 5 8 22	NWSE	05	080S	220E	4304734456	13540	Federal	GW	P
WV 16W-8-8-22	WV 16W-8-8-22	SESE	08	080S	220E	4304734470	13508	Federal	GW	P
GB 16WX-30-8-22	OU GB 16WX 30 8 22	SESE	30	080S	220E	4304734506	13431	Federal	GW	P
OU GB 1W-19-8-22	OU GB 1W-19-8-22	NENE	19	080S	220E	4304734512	13469	Federal	GW	P
OU GB 2W-19-8-22	OU GB 2W-19-8-22	NWNE	19	080S	220E	4304734513	13461	Federal	GW	P
OU GB 5W-19-8-22	OU GB 5W-19-8-22	SWNW	19	080S	220E	4304734514	13460	Federal	GW	P
OU GB 7W-19-8-22	OU GB 7W-19-8-22	SWNE	19	080S	220E	4304734515	13462	Federal	GW	P
OU GB 8W-19-8-22	OU GB 8W-19-8-22	SENE	19	080S	220E	4304734516	13489	Federal	GW	P
OU GB 11W-19-8-22	OU GB 11W-19-8-22	NESW	19	080S	220E	4304734517	13467	Federal	GW	P
OU GB 16W-19-8-22	OU GB 16W-19-8-22	SESE	19	080S	220E	4304734522	13476	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 1W-30-8-22	OU GB 1W 30 8 22	NENE	30	080S	220E	4304734528	13487	Federal	GW	P
GB 3W-30-8-22	OU GB 3W 30 8 22	NENW	30	080S	220E	4304734529	13493	Federal	GW	P
GB 6W-30-8-22	OU GB 6W 30 8 22	SENW	30	080S	220E	4304734530	13519	Federal	GW	P
GB 7W-30-8-22	OU GB 7W 30 8 22	SWNE	30	080S	220E	4304734531	13494	Federal	GW	P
GB 8W-30-8-22	OU GB 8W 30 8 22	SENE	30	080S	220E	4304734532	13483	Federal	GW	P
GB 9W-30-8-22	OU GB 9W 30 8 22	NESE	30	080S	220E	4304734533	13500	Federal	GW	P
OU GB 6W-19-8-22	OU GB 6W-19-8-22	SENW	19	080S	220E	4304734534	13475	Federal	GW	P
OU GB 10W-19-8-22	OU GB 10W-19-8-22	NWSE	19	080S	220E	4304734535	13479	Federal	GW	P
OU GB 13W-19-8-22	OU GB 13W-19-8-22	SWSW	19	080S	220E	4304734536	13478	Federal	GW	P
OU GB 14W-19-8-22	OU GB 14W-19-8-22	SESW	19	080S	220E	4304734537	13484	Federal	GW	P
OU GB 15W-19-8-22	OU GB 15W-19-8-22	SWSE	19	080S	220E	4304734538	13482	Federal	GW	P
OU GB 12W-17-8-22	OU GB 12W-17-8-22	NWSW	17	080S	220E	4304734542	13543	Federal	GW	P
OU GB 6W-17-8-22	OU GB 6W-17-8-22	SENW	17	080S	220E	4304734543	13536	Federal	GW	P
OU GB 13W-17-8-22	OU GB 13W-17-8-22	SWSW	17	080S	220E	4304734544	13547	Federal	GW	P
OU GB 6W-29-8-22	OU GB 6W-29-8-22	SENW	29	080S	220E	4304734545	13535	Federal	GW	P
OU GB 3W-29-8-22	OU GB 3W-29-8-22	NENW	29	080S	220E	4304734546	13509	Federal	GW	P
OU GB 13W-29-8-22	OU GB 13W-29-8-22	SWSW	29	080S	220E	4304734547	13506	Federal	GW	P
OU GB 4W-29-8-22	OU GB 4W-29-8-22	NWNW	29	080S	220E	4304734548	13534	Federal	GW	P
OU GB 5W-29-8-22	OU GB 5W-29-8-22	SWNW	29	080S	220E	4304734549	13505	Federal	GW	P
OU GB 14W-17-8-22	OU GB 14W-17-8-22	SESW	17	080S	220E	4304734550	13550	Federal	GW	P
OU GB 11W-17-8-22	OU GB 11W-17-8-22	NESW	17	080S	220E	4304734553	13671	Federal	GW	P
OU GB 14W-29-8-22	OU GB 14W-29-8-22	SESW	29	080S	220E	4304734554	13528	Federal	GW	P
OU GB 2W-17-8-22	OU GB 2W-17-8-22	NWNE	17	080S	220E	4304734559	13539	Federal	GW	P
OU GB 7W-17-8-22	OU GB 7W-17-8-22	SWNE	17	080S	220E	4304734560	13599	Federal	GW	P
OU GB 16W-18-8-22	OU GB 16W-18-8-22	SESE	18	080S	220E	4304734563	13559	Federal	GW	P
OU GB 1W-29-8-22	OU GB 1W-29-8-22	NENE	29	080S	220E	4304734573	13562	Federal	GW	P
OU GB 7W-29-8-22	OU GB 7W-29-8-22	SWNE	29	080S	220E	4304734574	13564	Federal	GW	P
OU GB 8W-29-8-22	OU GB 8W-29-8-22	SENE	29	080S	220E	4304734575	13609	Federal	GW	S
OU GB 9W-29-8-22	OU GB 9W-29-8-22	NESE	29	080S	220E	4304734576	13551	Federal	GW	P
OU GB 10W-29-8-22	OU GB 10W-29-8-22	NWSE	29	080S	220E	4304734577	13594	Federal	GW	P
OU GB 15W-29-8-22	OU GB 15W-29-8-22	SWSE	29	080S	220E	4304734578	13569	Federal	GW	P
OU GB 2W-20-8-22	OU GB 2W-20-8-22	NWNE	20	080S	220E	4304734599	13664	Federal	GW	P
OU GB 2W-29-8-22	OU GB 2W-29-8-22	NWNE	29	080S	220E	4304734600	13691	Federal	GW	P
OU GB 15W-17-8-22	OU GB 15W-17-8-22	SWSE	17	080S	220E	4304734601	13632	Federal	GW	P
OU GB 16W-17-8-22	OU GB 16W-17-8-22	SESE	17	080S	220E	4304734602	13639	Federal	GW	P
OU GB 16W-29-8-22	OU GB 16W-29-8-22	SESE	29	080S	220E	4304734603	13610	Federal	GW	P
OU GB 1W-20-8-22	OU GB 1W-20-8-22	NENE	20	080S	220E	4304734604	13612	Federal	GW	P
OU GB 1W-17-8-22	OU GB 1W-17-8-22	NENE	17	080S	220E	4304734623	13701	Federal	GW	P
OU GB 9W-17-8-22	OU GB 9W-17-8-22	NESE	17	080S	220E	4304734624	13663	Federal	GW	P
OU GB 10W-17-8-22	OU GB 10W-17-8-22	NWSE	17	080S	220E	4304734625	13684	Federal	GW	P
OU GB 9W-20-8-22	OU GB 9W-20-8-22	NESE	20	080S	220E	4304734630	13637	Federal	GW	P
OU GB 10W-20-8-22	OU GB 10W-20-8-22	NWSE	20	080S	220E	4304734631	13682	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 15W-20-8-22	OU GB 15W-20-8-22	SWSE	20	080S	220E	4304734632	13613	Federal	GW	P
WIH 15MU-21-8-22	OU WIH 15MU 21 8 22	SWSE	21	080S	220E	4304734634	13991	Federal	GW	P
OU WIH 13W-21-8-22	OU WIH 13W-21-8-22	SWSW	21	080S	220E	4304734646	13745	Federal	GW	P
OU GB 11W-15-8-22	OU GB 11W-15-8-22	NESW	15	080S	220E	4304734648	13822	Federal	GW	P
OU GB 13W-9-8-22	OU GB 13W-9-8-22	SWSW	09	080S	220E	4304734654	13706	Federal	GW	P
OU WIH 14W-21-8-22	OU WIH 14W-21-8-22	SESW	21	080S	220E	4304734664	13720	Federal	GW	P
OU GB 12WX-29-8-22	OU GB 12WX-29-8-22	NWSW	29	080S	220E	4304734668	13555	Federal	GW	P
OU WIH 10W-21-8-22	OU WIH 10W-21-8-22	NWSE	21	080S	220E	4304734681	13662	Federal	GW	P
OU GB 4G-21-8-22	OU GB 4G-21-8-22	NWNW	21	080S	220E	4304734685	13772	Federal	OW	P
OU GB 3W-21-8-22	OU GB 3W-21-8-22	NENW	21	080S	220E	4304734686	13746	Federal	GW	P
OU GB 16SG-30-8-22	OU GB 16SG-30-8-22	SESE	30	080S	220E	4304734688	13593	Federal	GW	S
OU WIH 7W-21-8-22	OU WIH 7W-21-8-22	SWNE	21	080S	220E	4304734689	13716	Federal	GW	P
OU GB 5W-21-8-22	OU GB 5W-21-8-22	SWNW	21	080S	220E	4304734690	13770	Federal	GW	P
WIH 1MU-21-8-22	WIH 1MU-21-8-22	NENE	21	080S	220E	4304734693	14001	Federal	GW	P
OU GB 5G-19-8-22	OU GB 5G-19-8-22	SWNW	19	080S	220E	4304734695	13786	Federal	OW	P
OU GB 7W-20-8-22	OU GB 7W-20-8-22	SWNE	20	080S	220E	4304734705	13710	Federal	GW	P
OU SG 14W-15-8-22	OU SG 14W-15-8-22	SESW	15	080S	220E	4304734710	13821	Federal	GW	P
OU SG 15W-15-8-22	OU SG 15W-15-8-22	SWSE	15	080S	220E	4304734711	13790	Federal	GW	P
OU SG 16W-15-8-22	OU SG 16W-15-8-22	SESE	15	080S	220E	4304734712	13820	Federal	GW	P
OU SG 4W-15-8-22	OU SG 4W-15-8-22	NWNW	15	080S	220E	4304734713	13775	Federal	GW	P
OU SG 12W-15-8-22	OU SG 12W-15-8-22	NWSW	15	080S	220E	4304734714	13838	Federal	GW	P
OU GB 5MU-15-8-22	OU GB 5MU-15-8-22	SWNW	15	080S	220E	4304734715	13900	Federal	GW	P
OU SG 8W-15-8-22	OU SG 8W-15-8-22	SENE	15	080S	220E	4304734717	13819	Federal	GW	P
OU SG 9W-15-8-22	OU SG 9W-15-8-22	NESE	15	080S	220E	4304734718	13773	Federal	GW	P
OU SG 10W-15-8-22	OU SG 10W-15-8-22	NWSE	15	080S	220E	4304734719	13722	Federal	GW	P
OU SG 2MU-15-8-22	OU SG 2MU-15-8-22	NWNE	15	080S	220E	4304734721	13887	Federal	GW	P
OU SG 7W-15-8-22	OU SG 7W-15-8-22	SWNE	15	080S	220E	4304734722	13920	Federal	GW	P
OU GB 14SG-29-8-22	OU GB 14SG-29-8-22	SESW	29	080S	220E	4304734743	14034	Federal	GW	P
OU GB 16SG-29-8-22	OU GB 16SG-29-8-22	SESE	29	080S	220E	4304734744	13771	Federal	GW	P
OU GB 13W-10-8-22	OU GB 13W-10-8-22	SWSW	10	080S	220E	4304734754	13774	Federal	GW	P
OU GB 6MU-21-8-22	OU GB 6MU-21-8-22	SENE	21	080S	220E	4304734755	14012	Federal	GW	P
OU SG 10W-10-8-22	OU SG 10W-10-8-22	NWSE	10	080S	220E	4304734764	13751	Federal	GW	P
OU GB 14M-10-8-22	OU GB 14M-10-8-22	SESW	10	080S	220E	4304734768	13849	Federal	GW	P
OU SG 9W-10-8-22	OU SG 9W-10-8-22	NESE	10	080S	220E	4304734783	13725	Federal	GW	P
OU SG 16W-10-8-22	OU SG 16W-10-8-22	SESE	10	080S	220E	4304734784	13781	Federal	GW	P
GB 3M-27-8-21	GB 3M-27-8-21	NENW	27	080S	210E	4304734900	14614	Federal	GW	P
WVX 11D-22-8-21	WVX 11D-22-8-21	NESW	22	080S	210E	4304734902	14632	Federal	GW	DRL
GB 11M-27-8-21	GB 11M-27-8-21	NESW	27	080S	210E	4304734952	13809	Federal	GW	P
GB 9D-27-8-21	GB 9D-27-8-21	NESE	27	080S	210E	4304734956	14633	Federal	GW	DRL
GB 1D-27-8-21	GB 1D-27-8-21	NENE	27	080S	210E	4304734957	14634	Federal	GW	DRL
WRU EIH 2M-35-8-22	WRU EIH 2M-35-8-22	NWNE	35	080S	220E	4304735052	13931	Federal	GW	P
GYPSUM HILLS 12MU-20-8-21	GH 12MU 20 8 21	NWSW	20	080S	210E	4304735069	14129	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU SG 4W-11-8-22	OU SG 4W-11-8-22	NWNW	11	080S	220E	4304735071	14814	Federal	GW	DRL
OU SG 5W-11-8-22	OU SG 5W-11-8-22	SWNW	11	080S	220E	4304735072	14815	Federal	GW	DRL
OU SG 6W-11-8-22	SG 6ML 11 8 22	SENW	11	080S	220E	4304735073	14825	Federal	GW	P
OU SG 5MU-14-8-22	OU SG 5MU-14-8-22	SWNW	14	080S	220E	4304735076	13989	Federal	GW	P
OU SG 6MU-14-8-22	OU SG 6MU-14-8-22	SENW	14	080S	220E	4304735077	14128	Federal	GW	P
SG 12MU-14-8-22	SG 12MU-14-8-22	NWSW	14	080S	220E	4304735078	13921	Federal	GW	P
OU SG 13MU-14-8-22	OU SG 13MU-14-8-22	SWSW	14	080S	220E	4304735079	13990	Federal	GW	P
OU SG 9MU-11-8-22	OU SG 9MU-11-8-22	NESE	11	080S	220E	4304735091	13967	Federal	GW	P
SG 11SG-23-8-22	SG 11SG-23-8-22	NESW	23	080S	220E	4304735099	13901	Federal	GW	S
OU SG 14W-11-8-22	OU SG 14W-11-8-22	SESW	11	080S	220E	4304735114	14797	Federal	GW	DRL
SG 5MU-23-8-22	SG 5MU-23-8-22	SWNW	23	080S	220E	4304735115	14368	Federal	GW	P
SG 6MU-23-8-22	SG 6MU-23-8-22	SENW	23	080S	220E	4304735116	14231	Federal	GW	P
SG 14MU-23-8-22	SG 14MU-23-8-22	SESW	23	080S	220E	4304735117	14069	Federal	GW	P
SG 13MU-23-8-22	SG 13MU-23-8-22	SWSW	23	080S	220E	4304735190	14103	Federal	GW	P
WH 7G-10-7-24	WH 7G-10-7-24	SWNE	10	070S	240E	4304735241	14002	Federal	GW	P
GB 4D-28-8-21	GB 4D-28-8-21	NWNW	28	080S	210E	4304735246	14645	Federal	GW	P
GB 7M-28-8-21	GB 7M-28-8-21	SWNE	28	080S	210E	4304735247	14432	Federal	GW	P
GB 14M-28-8-21	GB 14M-28-8-21	SESW	28	080S	210E	4304735248	13992	Federal	GW	P
SG 11MU-23-8-22	SG 11MU-23-8-22	NESW	23	080S	220E	4304735257	13973	Federal	GW	P
SG 15MU-14-8-22	SG 15MU-14-8-22	SWSE	14	080S	220E	4304735328	14338	Federal	GW	P
EHX 14MU-25-8-22	EHX 14MU-25-8-22	SESW	25	080S	220E	4304735330	14501	Federal	GW	P
EHX 11MU-25-8-22	EHX 11MU-25-8-22	NESW	25	080S	220E	4304735331	14470	Federal	GW	P
NBE 12ML-10-9-23	NBE 12ML-10-9-23	NWSW	10	090S	230E	4304735333	14260	Federal	GW	P
NBE 13ML-17-9-23	NBE 13ML-17-9-23	SWSW	17	090S	230E	4304735334	14000	Federal	GW	P
NBE 4ML-26-9-23	NBE 4ML-26-9-23	NWNW	26	090S	230E	4304735335	14215	Federal	GW	P
SG 7MU-11-8-22	SG 7MU-11-8-22	SWNE	11	080S	220E	4304735374	14635	Federal	GW	P
SG 1MU-11-8-22	SG 1MU-11-8-22	NENE	11	080S	220E	4304735375	14279	Federal	GW	P
OU SG 13W-11-8-22	OU SG 13W-11-8-22	SWSW	11	080S	220E	4304735377	14796	Federal	GW	DRL
SG 3MU-11-8-22	SG 3MU-11-8-22	NENW	11	080S	220E	4304735379	14978	Federal	GW	P
SG 8MU-11-8-22	SG 8MU-11-8-22	SENE	11	080S	220E	4304735380	14616	Federal	GW	P
SG 2MU-11-8-22	SG 2MU-11-8-22	NWNE	11	080S	220E	4304735381	14636	Federal	GW	P
SG 10MU-11-8-22	SG 10MU-11-8-22	NWSE	11	080S	220E	4304735382	14979	Federal	GW	P
OU GB 8MU-10-8-22	OU GB 8MU-10-8-22	SENE	10	080S	220E	4304735422	15321	Federal	GW	DRL
EHX 2MU-25-8-22	EHX 2MU-25-8-22	NWNE	25	080S	220E	4304735427	14666	Federal	GW	P
EHX 1MU-25-8-22	EHX 1MU-25-8-22	NENE	25	080S	220E	4304735428	14705	Federal	GW	P
EHX 7MU-25-8-22	EHX 7MU-25-8-22	SWNE	25	080S	220E	4304735429	14682	Federal	GW	P
EHX 8MU-25-8-22	EHX 8MU-25-8-22	SENE	25	080S	220E	4304735430	14706	Federal	GW	P
EHX 9MU-25-8-22	EHX 9MU-25-8-22	NESE	25	080S	220E	4304735433	14558	Federal	GW	P
EHX 16MU-25-8-22	EHX 16MU-25-8-22	SESE	25	080S	220E	4304735434	14502	Federal	GW	P
EHX 15MU-25-8-22	EHX 15MU-25-8-22	SWSE	25	080S	220E	4304735435	14571	Federal	GW	P
EHX 10MU-25-8-22	EHX 10MU-25-8-22	NWSE	25	080S	220E	4304735436	14537	Federal	GW	P
GB 3MU-3-8-22	GB 3MU-3-8-22	NENW	03	080S	220E	4304735457	14575	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
NBE 15M-17-9-23	NBE 15M-17-9-23	SWSE	17	090S	230E	4304735463	14423	Federal	GW	P
NBE 7ML-17-9-23	NBE 7ML-17-9-23	SWNE	17	090S	230E	4304735464	14232	Federal	GW	P
NBE 3ML-17-9-23	NBE 3ML-17-9-23	NENW	17	090S	230E	4304735465	14276	Federal	GW	P
NBE 11M-17-9-23	NBE 11M-17-9-23	NESW	17	090S	230E	4304735466	14431	Federal	GW	P
NBE 10ML-10-9-23	NBE 10ML-10-9-23	NWSE	10	090S	230E	4304735650	14377	Federal	GW	P
NBE 6ML-10-9-23	NBE 6ML-10-9-23	SENW	10	090S	230E	4304735651	14422	Federal	GW	P
NBE 12ML-17-9-23	NBE 12ML-17-9-23	NWSW	17	090S	230E	4304735652	14278	Federal	GW	P
NBE 6ML-26-9-23	NBE 6ML-26-9-23	SENW	26	090S	230E	4304735664	14378	Federal	GW	P
NBE 11ML-26-9-23	NBE 11ML-26-9-23	NESW	26	090S	230E	4304735665	14340	Federal	GW	P
NBE 15ML-26-9-23	NBE 15ML-26-9-23	SWSE	26	090S	230E	4304735666	14326	Federal	GW	P
SG 4MU-23-8-22	SG 4MU-23-8-22	NWNW	23	080S	220E	4304735758	14380	Federal	GW	P
RWS 8ML-14-9-24	RWS 8ML-14-9-24	SENE	14	090S	240E	4304735803	14539	Federal	GW	S
SG 11MU-14-8-22	SG 11MU-14-8-22	NESW	14	080S	220E	4304735829	14486	Federal	GW	P
RB DS FED 1G-7-10-18	RB DS FED 1G-7-10-18	NENE	07	100S	180E	4304735932	14457	Federal	OW	S
RB DS FED 14G-8-10-18	RB DS FED 14G-8-10-18	SESW	08	100S	180E	4304735933	14433	Federal	OW	P
OU SG 14MU-14-8-22	OU SG 14MU-14-8-22	SESW	14	080S	220E	4304735950	14479	Federal	GW	P
COY 10ML-14-8-24	COY 10ML-14-8-24	NWSE	14	080S	240E	4304736038		Federal	GW	APD
COY 12ML-24-8-24	COY 12ML-24-8-24	NWSW	24	080S	240E	4304736039	14592	Federal	OW	P
WTH 1AMU-21-8-22	WTH 1AMU-21-8-22	NENE	21	080S	220E	4304736060	14980	Federal	GW	P
NBE 4ML-10-9-23	NBE 4ML-10-9-23	NWNW	10	090S	230E	4304736098	15732	Federal	GW	P
NBE 8ML-10-9-23	NBE 8ML-10-9-23	SENE	10	090S	230E	4304736099	15733	Federal	GW	P
NBE 16ML-10-9-23	NBE 16ML-10-9-23	SESE	10	090S	230E	4304736100	14728	Federal	GW	P
NBE 8ML-12-9-23	NBE 8ML-12-9-23	SENE	12	090S	230E	4304736143	15859	Federal	GW	DRL
WH 12G-11-7-24	WH 12G-11-7-24	NWSW	11	070S	240E	4304736195		Federal	GW	APD
HC 16M-6-7-22	HC 16M-6-7-22	SESE	06	070S	220E	4304736197		Federal	GW	APD
HC 14M-6-7-22	HC 14M-6-7-22	SESW	06	070S	220E	4304736198		Federal	GW	APD
WWT 8ML-25-8-24	WWT 8ML-25-8-24	SENE	25	080S	240E	4304736199		Federal	GW	APD
GB 16D-28-8-21	GB 16D-28-8-21	SESE	28	080S	210E	4304736260	14981	Federal	GW	P
WH 7G-3-7-24	WH 7G-3-7-24	SWNE	03	070S	240E	4304736347		Federal	GW	APD
NBE 5ML-10-9-23	NBE 5ML-10-9-23	SWNW	10	090S	230E	4304736353	15227	Federal	GW	P
NBE 7ML-10-9-23	NBE 7ML-10-9-23	SWNE	10	090S	230E	4304736355	15850	Federal	GW	DRL
NBE 3ML-10-9-23	NBE 3ML-10-9-23	NENW	10	090S	230E	4304736356	15393	Federal	GW	P
WH 4G-10-7-24	WH 4G-10-7-24	NWNW	10	070S	240E	4304736359		Federal	GW	APD
EIHX 4MU-36-8-22	EIHX 4MU-36-8-22	NWNW	36	080S	220E	4304736444	14875	Federal	GW	P
EIHX 3MU-36-8-22	EIHX 3MU-36-8-22	NENW	36	080S	220E	4304736445	14860	Federal	GW	P
EIHX 2MU-36-8-22	EIHX 2MU-36-8-22	NWNE	36	080S	220E	4304736446	14840	Federal	GW	P
EIHX 1MU-36-8-22	EIHX 1MU-36-8-22	NENE	36	080S	220E	4304736447	14861	Federal	GW	P
WWT 2ML-24-8-24	WWT 2ML-24-8-24	NWNE	24	080S	240E	4304736515		Federal	GW	APD
RWS 1ML-1-9-24	RWS 1ML-1-9-24	NENE	01	090S	240E	4304736517		Federal	GW	APD
RWS 3ML-1-9-24	RWS 3ML-1-9-24	NENW	01	090S	240E	4304736518		Federal	GW	APD
RWS 9ML-1-9-24	RWS 9ML-1-9-24	NESE	01	090S	240E	4304736519		Federal	GW	APD
RWS 15ML-1-9-24	RWS 15ML-1-9-24	SWSE	01	090S	240E	4304736521		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
BSW 1ML-12-9-24	BSW 1ML-12-9-24	NENE	12	090S	240E	4304736522		Federal	GW	APD
BSW 11ML-13-9-24	BSW 11ML-13-9-24	NESW	13	090S	240E	4304736523		Federal	GW	APD
NBE 7ML-26-9-23	NBE 7ML-26-9-23	SWNE	26	090S	230E	4304736587	16008	Federal	GW	DRL
NBE 8ML-26-9-23	NBE 8ML-26-9-23	SENE	26	090S	230E	4304736588	15689	Federal	GW	P
NBE 1ML-26-9-23	NBE 1ML-26-9-23	NENE	26	090S	230E	4304736589	15880	Federal	GW	DRL
NBE 2ML-26-9-23	NBE 2ML-26-9-23	NWNE	26	090S	230E	4304736590	15898	Federal	GW	DRL
NBE 3ML-26-9-23	NBE 3ML-26-9-23	NENW	26	090S	230E	4304736591	15906	Federal	GW	DRL
NBE 5ML-26-9-23	NBE 5ML-26-9-23	SWNW	26	090S	230E	4304736592	15839	Federal	GW	DRL
NBE 9ML-10-9-23	NBE 9ML-10-9-23	NESE	10	090S	230E	4304736593	15438	Federal	GW	P
NBE 11ML-10-9-23	NBE 11ML-10-9-23	NESW	10	090S	230E	4304736594	15228	Federal	GW	P
NBE 15ML-10-9-23	NBE 15ML-10-9-23	SWSE	10	090S	230E	4304736595	15439	Federal	GW	P
NBE 1ML-12-9-23	NBE 1ML-12-9-23	NENE	12	090S	230E	4304736613		Federal	GW	APD
NBE 2ML-17-9-23	NBE 2ML-17-9-23	NWNE	17	090S	230E	4304736614	15126	Federal	GW	P
NBE 4ML-17-9-23	NBE 4ML-17-9-23	NWNW	17	090S	230E	4304736615	15177	Federal	GW	P
NBE 6ML-17-9-23	NBE 6ML-17-9-23	SENE	17	090S	230E	4304736616	15127	Federal	GW	P
NBE 10ML-17-9-23	NBE 10ML-17-9-23	NWSE	17	090S	230E	4304736617	15128	Federal	GW	P
NBE 14ML-17-9-23	NBE 14ML-17-9-23	SESW	17	090S	230E	4304736618	15088	Federal	GW	P
NBE 9ML-26-9-23	NBE 9ML-26-9-23	NESE	26	090S	230E	4304736619	15322	Federal	GW	P
NBE 10D-26-9-23	NBE 10D-26-9-23	NWSE	26	090S	230E	4304736620	15975	Federal	GW	DRL
NBE 12ML-26-9-23	NBE 12ML-26-9-23	NWSW	26	090S	230E	4304736621	15840	Federal	GW	DRL
NBE 13ML-26-9-23	NBE 13ML-26-9-23	SWSW	26	090S	230E	4304736622	15690	Federal	GW	P
NBE 14ML-26-9-23	NBE 14ML-26-9-23	SESW	26	090S	230E	4304736623	15262	Federal	GW	P
NBE 16ML-26-9-23	NBE 16ML-26-9-23	SESE	26	090S	230E	4304736624	15735	Federal	GW	P
RWS 13ML-14-9-24	RWS 13ML-14-9-24	SWSW	14	090S	240E	4304736737		Federal	GW	APD
RWS 12ML-14-9-24	RWS 12ML-14-9-24	NWSW	14	090S	240E	4304736738		Federal	GW	APD
SG 3MU-23-8-22	SG 3MU-23-8-22	SESW	14	080S	220E	4304736940	15100	Federal	GW	P
NBE 5ML-17-9-23	NBE 5ML-17-9-23	SWNW	17	090S	230E	4304736941	15101	Federal	GW	P
WWT 2ML-25-8-24	WWT 2ML-25-8-24	NWNE	25	080S	240E	4304737301		Federal	GW	APD
WWT 1ML-25-8-24	WWT 1ML-25-8-24	NENE	25	080S	240E	4304737302		Federal	GW	APD
HK 15ML-19-8-25	HK 15ML-19-8-25	SWSE	19	080S	250E	4304737303		Federal	GW	APD
WT 13ML-19-8-25	WT 13ML-19-8-25	SWSW	19	080S	250E	4304737304		Federal	GW	APD
HK 3ML-29-8-25	HK 3ML-29-8-25	NENW	29	080S	250E	4304737305		Federal	GW	APD
HK 5ML-29-8-25	HK 5ML-29-8-25	SWNW	29	080S	250E	4304737330		Federal	GW	APD
HK 2ML-30-8-25	HK 2ML-30-8-25	NWNE	30	080S	250E	4304737331		Federal	GW	APD
HK 5ML-30-8-25	HK 5ML-30-8-25	SWNW	30	080S	250E	4304737332		Federal	GW	APD
HK 10ML-30-8-25	HK 10ML-30-8-25	NWSE	30	080S	250E	4304737333		Federal	GW	APD
HK 14ML-30-8-25	HK 14ML-30-8-25	SESW	30	080S	250E	4304737334		Federal	GW	APD
HK 6ML-30-8-25	HK 6ML-30-8-25	SENE	30	080S	250E	4304737348		Federal	GW	APD
HK 8ML-30-8-25	HK 8ML-30-8-25	SENE	30	080S	250E	4304737349		Federal	GW	APD
WWT 7ML-25-8-24	WWT 7ML-25-8-24	SWNE	25	080S	240E	4304737407		Federal	GW	APD
WWT 9ML-25-8-24	WWT 9ML-25-8-24	NESE	25	080S	240E	4304737408		Federal	GW	APD
WWT 10ML-25-8-24	WWT 10ML-25-8-24	NWSE	25	080S	240E	4304737409		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WWT 15ML-25-8-24	WWT 15ML-25-8-24	SWSE	25	080S	240E	4304737410		Federal	GW	APD
BBS 15G-22-7-21	BBS 15G-22-7-21	SWSE	22	070S	210E	4304737443	15688	Federal	OW	P
WWT 15ML-13-8-24	WWT 15ML-13-8-24	SWSE	13	080S	240E	4304737524		Federal	GW	APD
WWT 16ML-13-8-24	WWT 16ML-13-8-24	SESE	13	080S	240E	4304737525		Federal	GW	APD
COY 6ML-23-8-24	COY 6ML-23-8-24	SENE	23	080S	240E	4304737526		Federal	GW	APD
NBZ 8ML-23-8-24	NBZ 8ML-23-8-24	SENE	23	080S	240E	4304737527		Federal	GW	APD
COY 9ML-23-8-24	COY 9ML-23-8-24	NESE	23	080S	240E	4304737528		Federal	GW	APD
NBZ 15ML-23-8-24	NBZ 15ML-23-8-24	SWSE	23	080S	240E	4304737529		Federal	GW	APD
COY 16ML-23-8-24	COY 16ML-23-8-24	SESE	23	080S	240E	4304737530		Federal	GW	APD
COY 5ML-24-8-24	COY 5ML-24-8-24	SWNW	24	080S	240E	4304737531		Federal	GW	APD
COY 6ML-24-8-24	COY 6ML-24-8-24	SENE	24	080S	240E	4304737532		Federal	GW	APD
COY 6ML-21-8-24	COY 6ML-21-8-24	SENE	21	080S	240E	4304737584		Federal	GW	APD
COY 4ML-21-8-24	COY 4ML-21-8-24	NWNW	21	080S	240E	4304737585		Federal	GW	APD
COY 14ML-21-8-24	COY 14ML-21-8-24	SESE	21	080S	240E	4304737586		Federal	GW	APD
COY 15ML-21-8-24	COY 15ML-21-8-24	SWSE	21	080S	240E	4304737587		Federal	GW	NEW
WWT 1ML-24-8-24	WWT 1ML-24-8-24	NENE	24	080S	240E	4304737590		Federal	GW	APD
RWS 13ML-23-9-24	RWS 13ML-23-9-24	SWSW	23	090S	240E	4304737591		Federal	GW	APD
WWT 8ML-24-8-24	WWT 8ML-24-8-24	SENE	24	080S	240E	4304737640		Federal	GW	APD
GB 16ML-20-8-22	GB 16ML-20-8-22	SESE	20	080S	220E	4304737664	15948	Federal	GW	DRL
NBZ 1ML-29-8-24	NBZ 1ML-29-8-24	NENE	29	080S	240E	4304737666		Federal	GW	APD
WWT 16ML-24-8-24	WWT 16ML-24-8-24	SESE	24	080S	240E	4304737930		Federal	GW	APD
WWT 15ML-24-8-24	WWT 15ML-24-8-24	SWSE	24	080S	240E	4304737931		Federal	GW	APD
COY 14ML-24-8-24	COY 14ML-24-8-24	SESE	24	080S	240E	4304737932		Federal	GW	APD
COY 13ML-24-8-24	COY 13ML-24-8-24	SWSW	24	080S	240E	4304737933		Federal	GW	APD
COY 11ML-24-8-24	COY 11ML-24-8-24	NESW	24	080S	240E	4304737934		Federal	GW	APD
COY 15ML-14-8-24	COY 15ML-14-8-24	SWSE	14	080S	240E	4304737935		Federal	GW	APD
COY 14ML-14-8-24	COY 14ML-14-8-24	SESE	14	080S	240E	4304737936		Federal	GW	APD
COY 12ML-14-8-24	COY 12ML-14-8-24	NWSW	14	080S	240E	4304737937		Federal	GW	APD
COY 11ML-14-8-24	COY 11ML-14-8-24	NESW	14	080S	240E	4304737938		Federal	GW	APD
WVX 8ML-5-8-22	WVX 8ML-5-8-22	SENE	05	080S	220E	4304738140		Federal	GW	APD
WVX 6ML-5-8-22	WVX 6ML-5-8-22	SENE	05	080S	220E	4304738141		Federal	GW	APD
BBS 5G-23-7-21	BBS 5G-23-7-21	SWNW	23	070S	210E	4304738471		Federal	OW	APD
GB 12SG-29-8-22	GB 12SG-29-8-22	NWSW	29	080S	220E	4304738766		Federal	GW	APD
GB 10SG-30-8-22	GB 10SG-30-8-22	NWSE	30	080S	220E	4304738767		Federal	GW	APD
NBE 12SWD-10-9-23	NBE 12SWD-10-9-23	NWSW	10	090S	230E	4304738875		Federal	WD	APD
OP 16MU-3-7-20	OP 16MU-3-7-20	SESE	03	070S	200E	4304738944		Federal	OW	APD
WF 1P-1-15-19	WF 1P-1-15-19	NWNW	06	150S	200E	4304736781	14862	Indian	GW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265	7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068	8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached	9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE DATE 3/16/2007

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

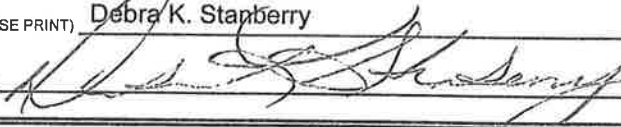
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry	TITLE Supervisor, Regulatory Affairs
SIGNATURE 	DATE 4/17/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

January 23, 2008

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is a certified copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the merger from the Eastern States state office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **QEP Uinta Basin, Inc.** into **Questar Exploration and Production Co.** is effective May 1, 2007, which is a correction to the effective dated stated in the decision letter. For verification of effective date, please refer to the name change certificate from the State of Texas.

/s/ Leslie Wilcken

Leslie Wilcken
Land Law Examiner
Branch of Fluid Minerals

cc: MMS
State of Utah, DOGM,

bcc: Dave Mascarenas
Susan Bauman
Connie Seare

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>				1. WELL NAME and NUMBER BBS 15G-22-7-21		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT BRENNAN BOTTOM		
6. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION CO				5. UNIT or COMMUNITIZATION AGREEMENT NAME JOHNSON BOTTOM		
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, UT, 84078				7. OPERATOR PHONE 435 781-4362		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU16551		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>		9. OPERATOR E-MAIL rick.canterbury@questar.com		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				12. SURFACE OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>		19. SLANT VERTICAL <input type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input checked="" type="radio"/>				
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	669 FSL 2022 FEL	SWSE	22	7.0 S	21.0 E	S
Top of Uppermost Producing Zone	314 FSL 1900 FEL	SWSE	22	7.0 S	21.0 E	S
At Total Depth	2080 FSL 660 FEL	NESE	27	7.0 S	21.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 669		23. NUMBER OF ACRES IN DRILLING UNIT 2320		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0		26. PROPOSED DEPTH MD: 10580 TVD: 6374		
27. ELEVATION - GROUND LEVEL 4907		28. BOND NUMBER ESB000024		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A36125 - 49-2153		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Jan Nelson	TITLE Permit Agent
SIGNATURE	PHONE 435 781-4331
API NUMBER ASSIGNED 43047374430000	DATE 09/08/2009
APPROVAL	EMAIL jan.nelson@questar.com
 Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	495		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	495	36.0			

CONFIDENTIAL

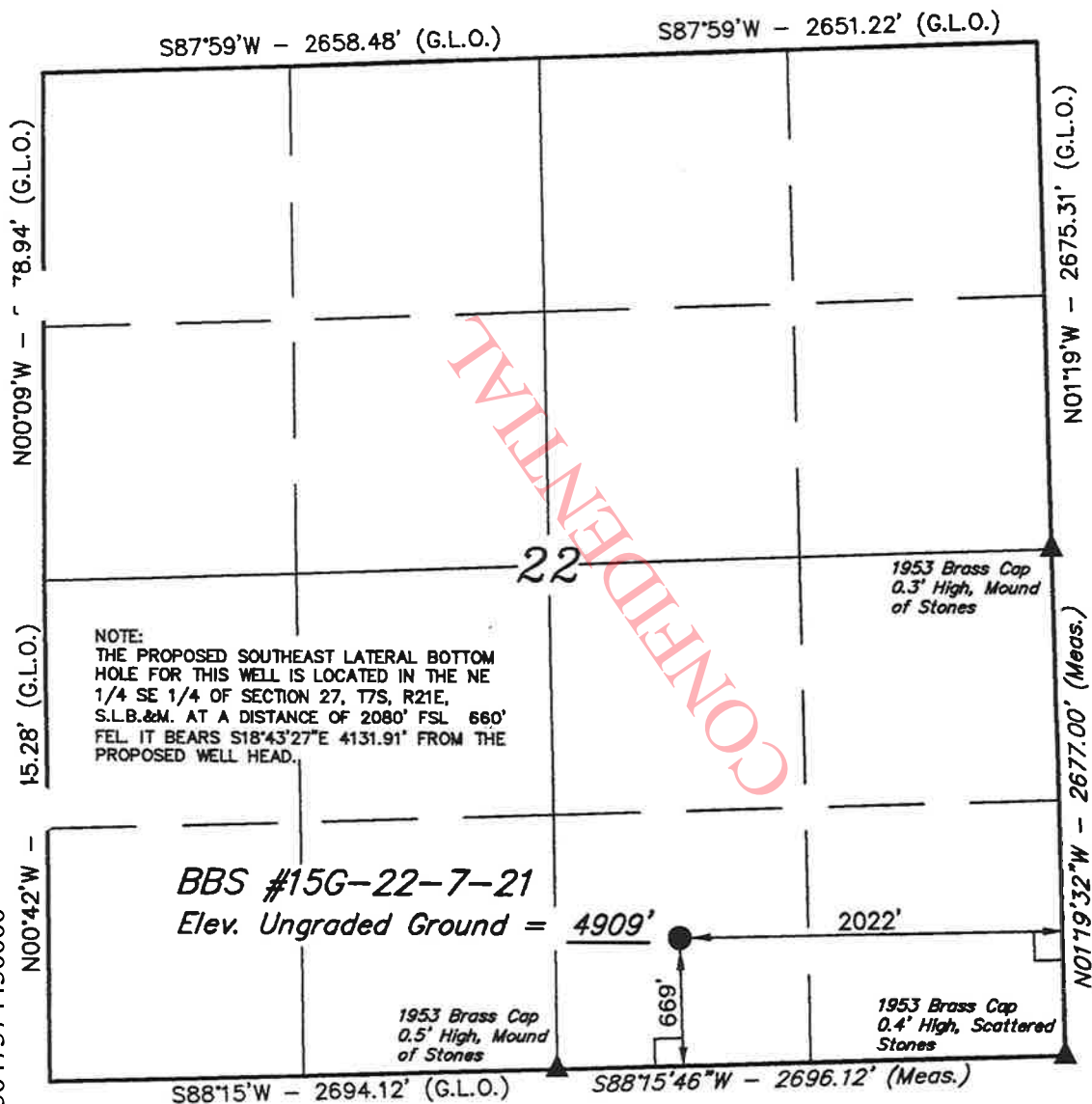
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6806		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6806	15.5			

CONFIDENTIAL

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
L1	4.75	3.5	0	10580		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	4418	9.2			

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T7S, R21E, S.L.B.&M.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
 LATITUDE = 40°11'28.04" (40.191122)
 LONGITUDE = 109°32'20.96" (109.539156)
 (AUTONOMOUS NAD 27)
 LATITUDE = 40°11'28.17" (40.191158)
 LONGITUDE = 109°32'18.47" (109.538464)

QUESTAR EXPLR. & PROD.

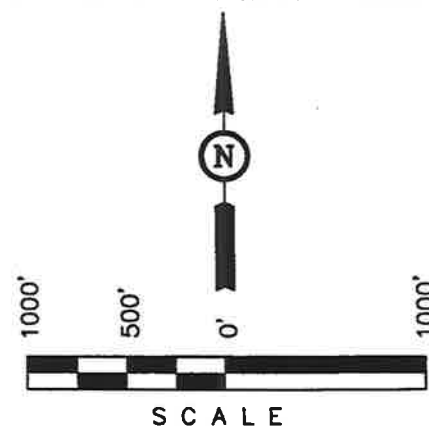
Well location, BBS #15G-22-7-21, located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 FEET.

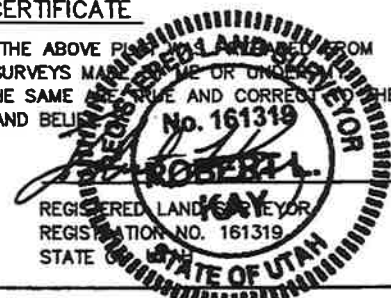
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 08-14-07 L.K.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

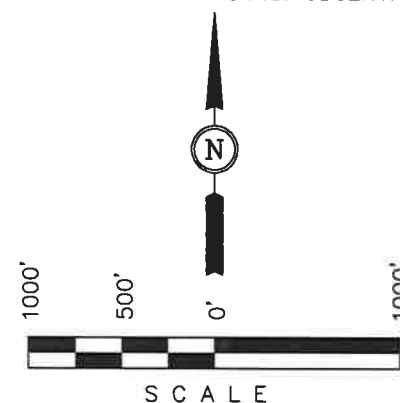
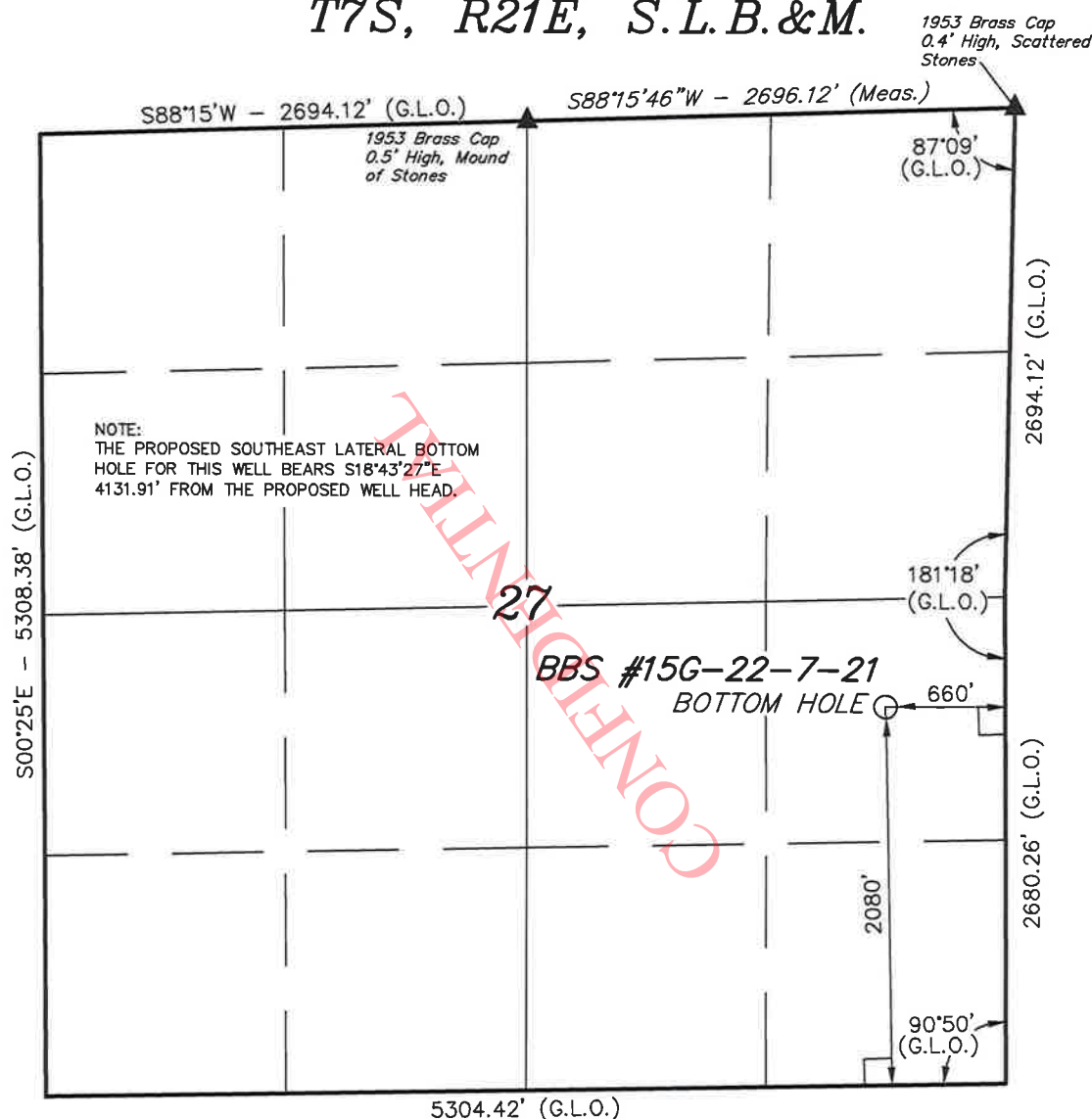
SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 11-13-05
PARTY D.A. C.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QUESTAR EXPLR. & PROD.	

'APIWellNo:43047374430000'

Well location, BBS #15G-22-7-21 (BOTTOM HOLE), located as shown in the NE 1/4 SE 1/4 of Section 27, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, QUADRANGLE, UTAH, Uintah County, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 FEET.

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.




REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 08-21-09 L.K.
REVISED: 08-14-07 L.K.

85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 11-13-05
PARTY D.A. C.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QUESTAR EXPLR. & PROD.	

LEGEND:

-  = 90° SYMBOL
 = PROPOSED WELL HEAD.
 = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°10'49.38" (40.180383)
LONGITUDE = 109°32'03.88" (109.534411)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°10'49.51" (40.180419)
LONGITUDE = 109°32'01.40" (109.533722)

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.
BBS 15G-22-7-21 Re-Entry

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	3,200'	3,200'
Kick Off Point	6,202'	6,202'
Green River (H4a Lime)	6,560'	6,782'
TD	6,374'	10,580'

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	Green River (H4a Lime)	6,560' - 6,374'	6,782' - 10,580'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.
BBS 15G-22-7-21 Re-Entry

3. Operator's Specification for Pressure Control Equipment

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

As this well is a re-entry of an existing well the surface and production casing strings are already in place as detailed below.

Hole Size	Casing Size	Depth, MD	Weight	Grade
12 1/4"	9 5/8"	495'	36.0	J-55
7 7/8"	5 1/2"	6,806'	15.5	J-55

The lateral portion of this wellbore will be cased with a slotted liner.

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight	Grade
4 3/4"	3 1/2" Flush	6,162'	10,580'	9.2	J-55

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. Auxilliary Equipment

- A. Kelly Cock – Yes
- B. Float at the bit – No
- C. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- D. Fully opening safety valve on the rig floor – Yes
- E. Rotating Head – Yes

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.
BBS 15G-22-7-21 Re-Entry

If drilling with air the following will be used:

- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the wellbore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500')
- H. Compressor shall be tied directly to the blooie line through a manifold
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Drilling of the lateral will be done with water based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of existing production casing to TD.

Gas detector will be used upon exit of existing production casing to TD.

6. Testing, Logging, and Coring Program

- A. Cores – None Anticipated
- B. DST – None Anticipated
- C. Logging:
 - i. Mud logging from casing exit to TD
 - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the lateral within the desired zone.
- D. Formation and completion interval: H4a Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.
BBS 15G-22-7-21 Re-Entry

7. **Cementing Program**

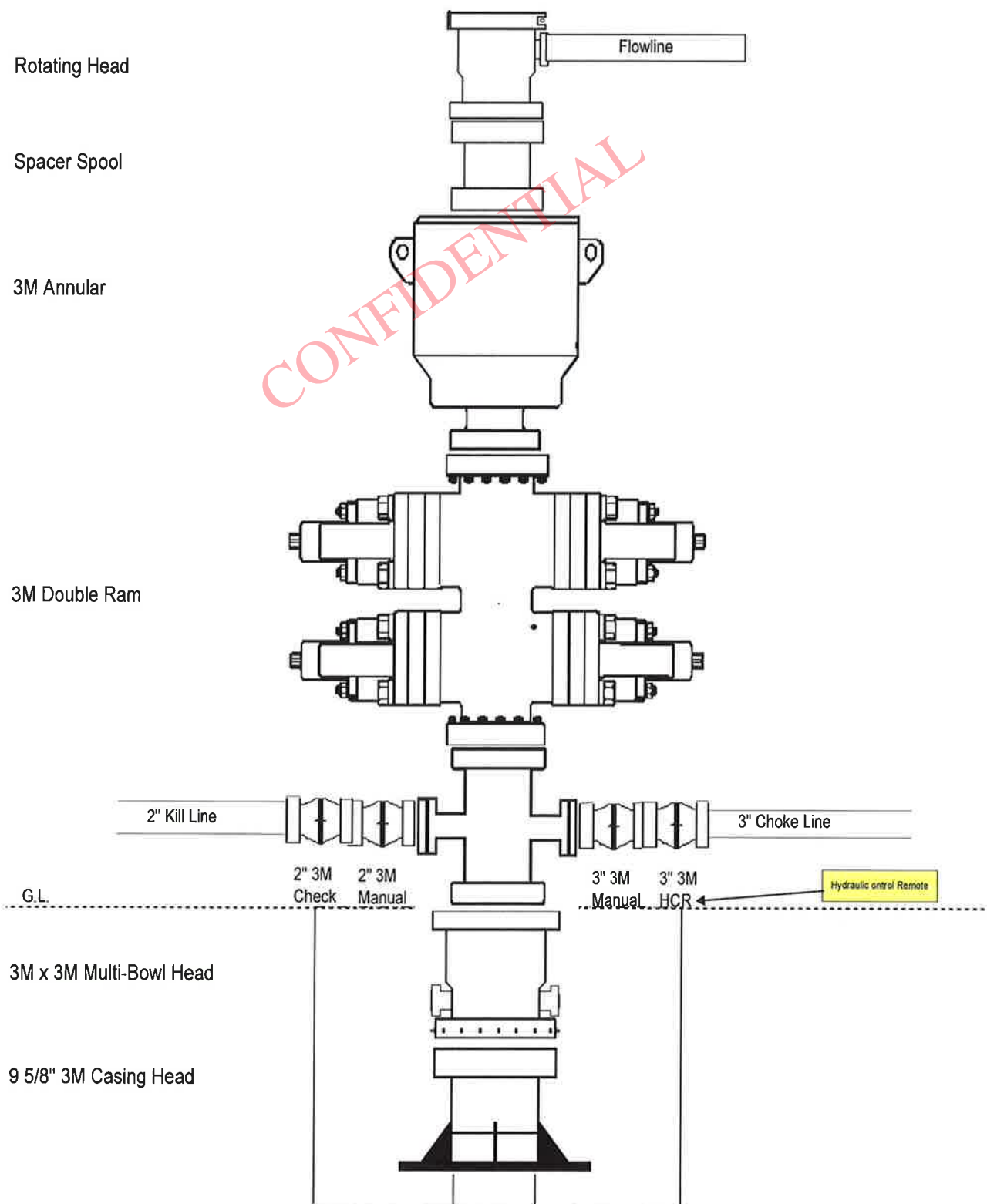
As this is a re-entry well and a slotted liner will be run in the newly drilled lateral there will be no cement required to drill this well. Please refer to the attached wellbore diagram for existing casing and cement conditions.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,250 psi. Maximum anticipated bottom hole temperature is approximately 160°F.

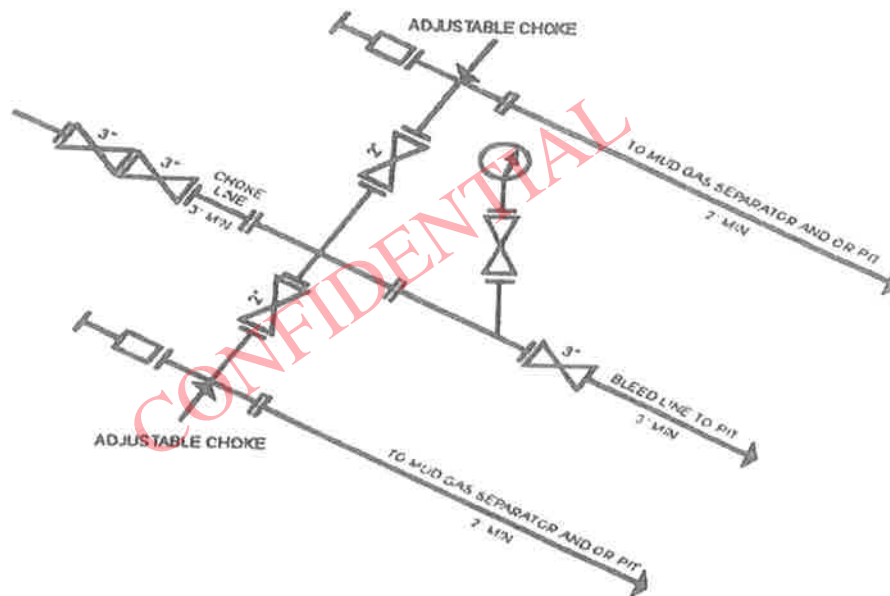
ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.

3M BOP STACK



ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION, CO.

3M CHOKE MANIFOLD



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
(54 FR 39528, Sept. 27, 1989)

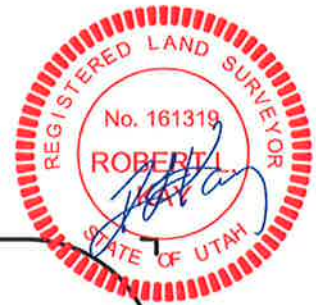
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

QUESTAR EXPLR. & PROD.

FIGURE #3

TYPICAL RIG LAYOUT FOR

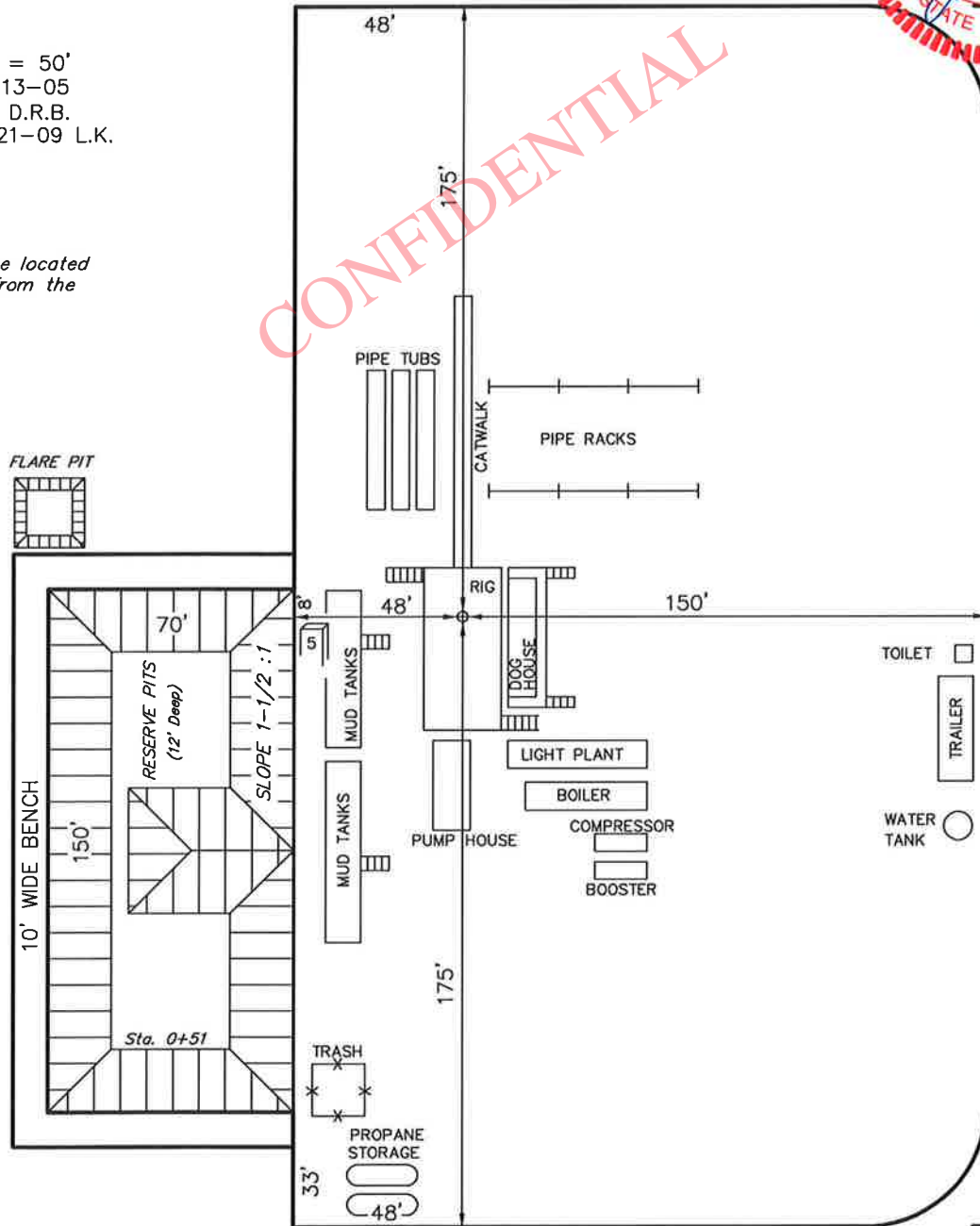
BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
669' FSL 2022' FEL



SCALE: 1" = 50'
DATE: 11-13-05
Drawn By: D.R.B.
REVISED: 08-21-09 L.K.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



Total Pit Capacity
W/2' of Freeboard
= 10,620 Bbls. ±
Total Pit Volume
= 2,870 Cu. Yds.



 EXISTING ROAD
 PROPOSED ACCESS ROAD
 EXISTING 2-TRACK NEEDS UPGRADED



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



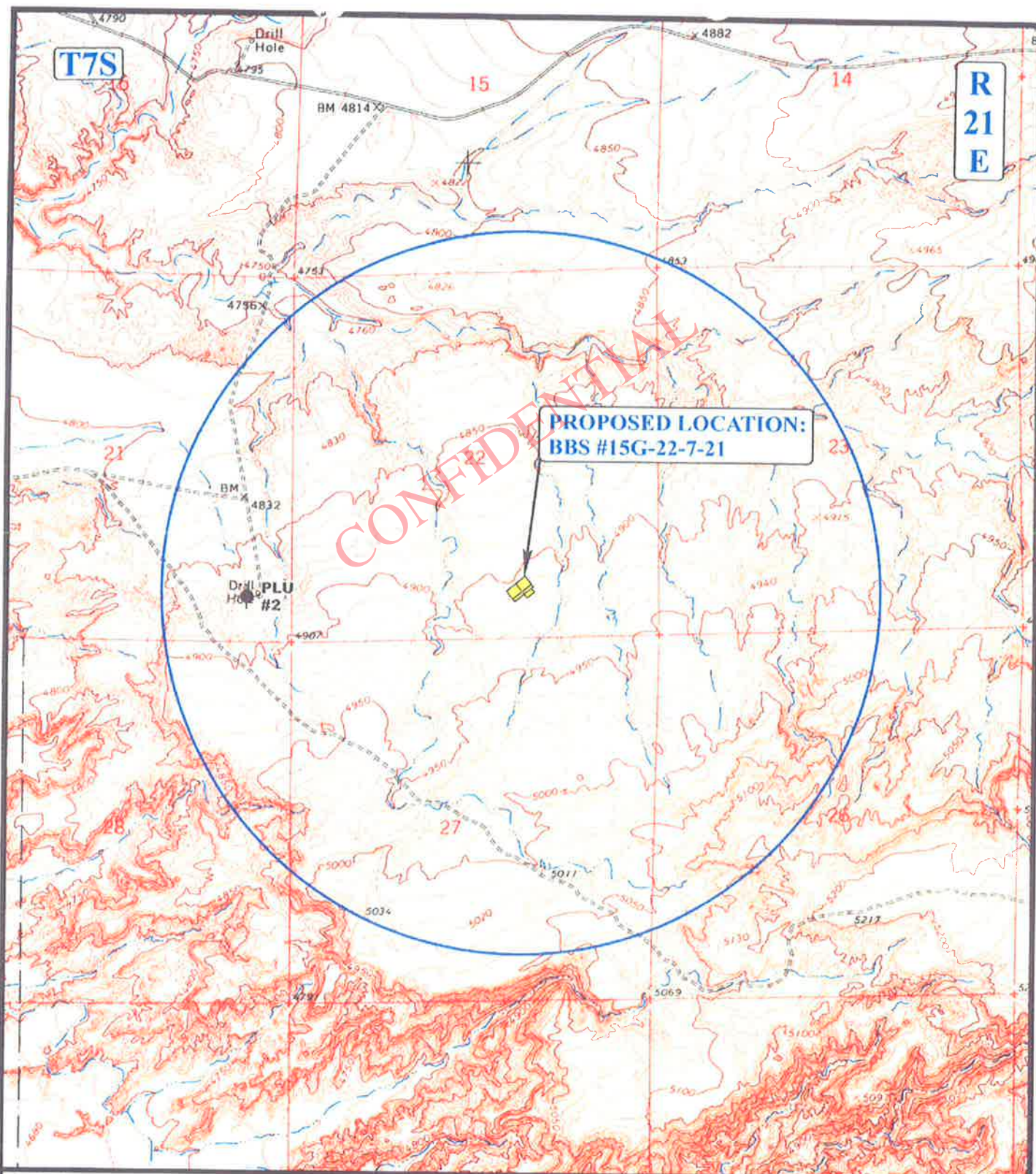
BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
SW 1/4 SE 1/4

TOPOGRAPHIC
MAP

11	14	05
MONTH	DAY	YEAR

SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00
-------------------	----------------	-------------------

B
TOPIC



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS |
| ⊖ SHUT IN WELLS | ⊖ TEMPORARILY ABANDONED |

QUESTAR EXPLR. & PROD.

BBS #15G-22-7-21
SECTION 22, T7S, R21E, S.L.B.&M.
SW 1/4 SE 1/4



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

11	14	05
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



BBS 15G-22-7-21 Lateral 1 Drilling Plan CJL 7-6-09 Proposal

Report Date: September 1, 2009 Client: Field: Uinta Structure / Slot: BBS / BBS 15G-22-7-21 Well: BBS 15G-22-7-21 Borehole: Lateral 1 UWV/API#: Survey Name / Date: BBS 15G-22-7-21 Lateral 1 Drilling Plan CJL 7-6-09 / July 6, 2009 Tort / AHD / DDI / ERD ratio: 92.800° / 4169.06 ft / 5.795 / 0.636 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 40 11 28.040, W 109 32 20.960 Location Grid N/E Y/X: N 7244345.810 ftUS, E 2188149.353 ftUS Grid Convergence Angle: +1.25607498° Grid Scale Factor: 0.99991810	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 161.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 4925.0 ft relative to MSL Sea Bed / Ground Level Elevation: 4909.000 ft relative to MSL Magnetic Declination: 11.353° Total Field Strength: 52649.826 nT Magnetic Dip: 66.076° Declination Date: July 06, 2009 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +10.097° Local Coordinates Referenced To: Well Head
--	--

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	0.00	0.00	161.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.00M
KOP	6202.00	0.00	161.00	6202.00	0.00	0.00	0.00	0.00	0.00	0.00	161.00M
	6300.00	15.68	161.00	6298.78	13.33	-12.60	4.34	13.33	161.00	16.00	0.00G
	6400.00	31.68	161.00	6390.06	53.36	-50.45	17.37	53.36	161.00	16.00	0.00G
	6500.00	47.68	161.00	6466.78	117.00	-110.63	38.09	117.00	161.00	16.00	0.00G
	6600.00	63.68	161.00	6522.98	199.32	-188.46	64.89	199.32	161.00	16.00	0.00G
	6700.00	79.68	161.00	6554.31	293.95	-277.93	95.70	293.95	161.00	16.00	0.00G
Enter H4 Lime	6782.00	92.80	161.00	6559.67	375.59	-355.13	122.28	375.59	161.00	16.00	0.00G
TD	10580.00	92.80	161.00	6374.14	4169.06	-3941.92	1357.31	4169.06	161.00	0.00	0.00G

Survey Type: Non-Def Proposal

Survey Error Model: NONE version *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00

MD To (ft)

10580.00

EOU Freq

1/100.00

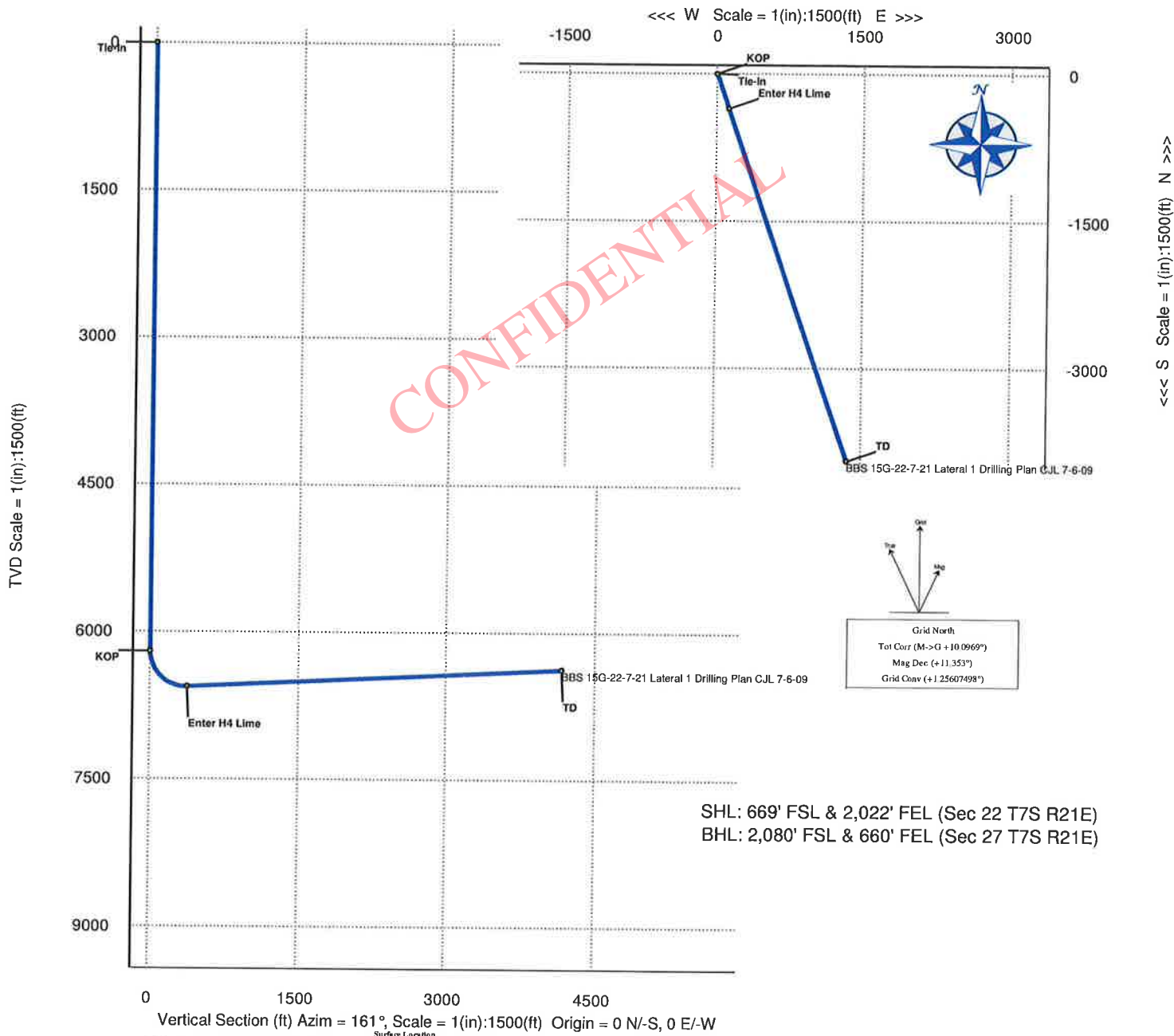
Survey Tool Type

NULL_ZERO (default tool used)

Borehole -> Survey

Lateral 1 -> BBS 15G-22-7-21 Lateral 1 Drilling Plan CJL 7-6-

WELL BBS 15G-22-7-21			FIELD Uinta			STRUCTURE BBS		
Magnetic Parameters Model: IGRF 2005			Surface Location Lat: N43 11 28.045 Lon: W109 22 28.969			NAD83 Utah State Planes, Central Zone, US Feet Northing: 7244345.81 RUS Easting: 2188149.35 RUS Scale Fact: 0.9999190953		
Dip: 66.075° Mag Dec: +11.353° Date: July 06, 2009 FS: 52643.8 mT			Miscellaneous Sect: BBS 15G-22-7-21 Plan: BBS 15G-22-7-21 Plan TVD Ref: KB (4925.00 ft above MSL) Srvy Date: July 06, 2009					



Target Name		Shape	Major Axis	N(±)S(±)	E(±)W(±)	TVD	YSec	N(±)S(±)	E(±)W(±)
Critical Point		MD	INCL	AZIM	TVD	YSEC	N(±)S(±)	E(±)W(±)	DLS
Tie-In		0.00	0.00	161.00	0.00	0.00	0.00	0.00	
KOP		6202.00	0.00	161.00	6202.00	0.00	0.00	0.00	0.00
Enter H4 Lime		6782.00	92.80	161.00	6559.67	375.59	-355.13	122.28	16.00
TD		10580.00	92.80	161.00	6374.14	4169.06	-3941.92	1357.31	0.00

Legend

BBS 15G-22-7-21 Plan

Quality Control
Date Drawn: Tue 09:25 AM September 01, 2009
Drawn by: Current User
Checked by:
Client OK:

Additional Operator Remarks

Questar Exploration & Production Co. proposes to drill a re-entry horizontal oil well to 10,580' to test the Green River. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirement.

See Onshore Order No. 1 attached

Please be advised that Questar Exploration & Production Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. ESB000024. The principal is Questar Exploration & Production Co. via surety as consent as provided for the 43 CFR 3104.2.

PLEASE FIND ATTACHED:

1. Re-Entry Procedure
2. Drilling Proposal
3. 8-point Program
4. Proposed Well Bore Diagram
5. Legal Plats / Map Prepared by UELS
6. Location Layout Referring to Reserve Pit

If additional Technical Information is required, Please contact Chris Longwell, Questar Drilling Engineer at 303-308-3628.

QUESTAR EXPLORATION AND PRODUCTION

BBS 15G-22-7-21

API: 43-047-37443

Summarized Re-Entry Procedure

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. Pull out of hole with 264 rods (112 - 7/8" plain, & 152 - 3/4" plain) and 2 1/2" x 1 3/4" x 16 x 19 x 20' RHAC pump.
6. Unseat tubing anchor and POOH with 208 jts 2 7/8" 6.5# J-55 tubing, TAC, PSN, T-Anchor.
7. PU bit and 5 1/2" casing scraper, RIH to 6,500'.
8. Roll hole with KCl water, TOO H with bit and scraper.
9. RU wireline truck and RIH with CIBP.
10. Set top of CIBP @ +/- 6,206', 2' above nearest collar @ 6,208'.
11. ND BOP's
12. RD pulling unit, move off location.
13. MIRU drilling rig.
14. NU rig's 3,000 WP rated BOP.
15. RIH with whipstock, set and orient whipstock..
16. TIH with milling BHA, mill window in 5 1/2" casing @ 6,192' top, 6,202' bottom.
17. TOO H, PU directional BHA, TIH.
18. Drill well at a 161° azimuth with 16°/100' build rates to land in H4a Lime formation at a TVD of +/- 6,560'.
19. Drill +/- 3,798' of lateral in H4a Lime.
 - a. Mud system to be water based mud, weights are expected to be in the 8.4 – 8.8 ppg range.
20. Circulate and condition hole, TOO H, LD 4,000' DP.
 - a. PU slotted liner, blank liner and liner dropping tool.
 - b. RIH w/ liner and dropping tool, drop liner 2' outside window.
 - c. TOO H, LD remainder of DP.
21. RIH and set RBP @ +/- 4,500' to isolate lateral.
22. ND BOP's.
23. RDMOL.

9-5/8", 36#, J-55
casing set @ 495'

← Top of cement @ 1,166'

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Whipstock

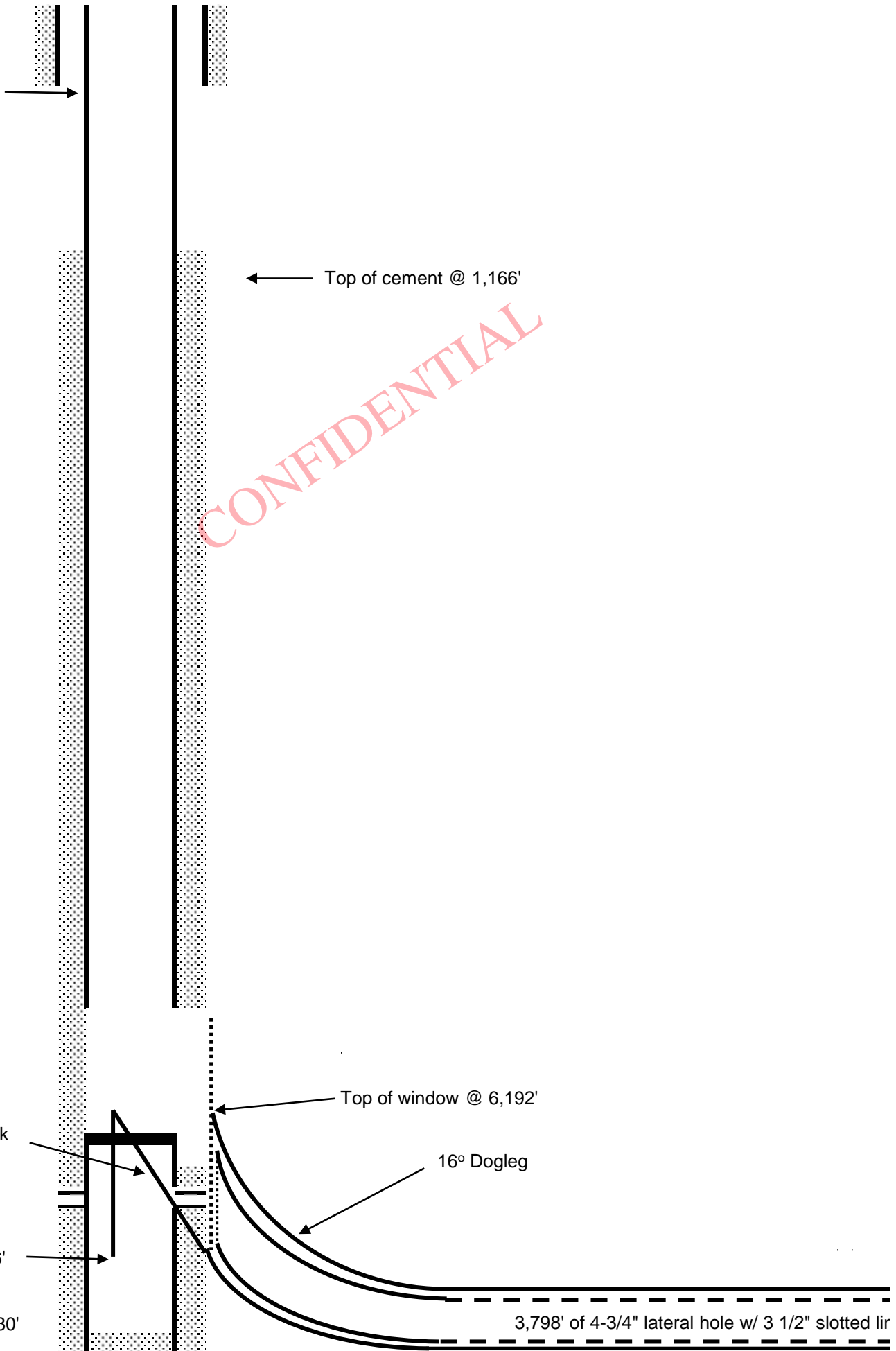
Top of window @ 6,192'

16° Dogleg

CIBP set @ 6,206'

Perfs 6,575' - 6,580'

3,798' of 4-3/4" lateral hole w/ 3 1/2" slotted lir



Additional Operator Remarks

Questar Exploration & Production Co. proposes to drill a re-entry horizontal oil well to 10,580' to test the Green River. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirement.

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Bond coverage for this well is provided by Bond No. ESB000024. The principal is Questar Exploration & Production Co. via surety as consent as provided for the 43 CFR 3104.2.

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4. Proposed Well Bore Diagram
5. Legal Plats / Map Prepared by UELS
6. Location Layout Referring to Reserve Pit

If additional Technical Information is required, Please contact Chris Longwell, Questar Drilling Engineer at 303-308-3628.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

September 11, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Johnson Bottom,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following horizontal well is planned for calendar year 2008 within the Johnson Bottom Unit, Uintah County, Utah

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

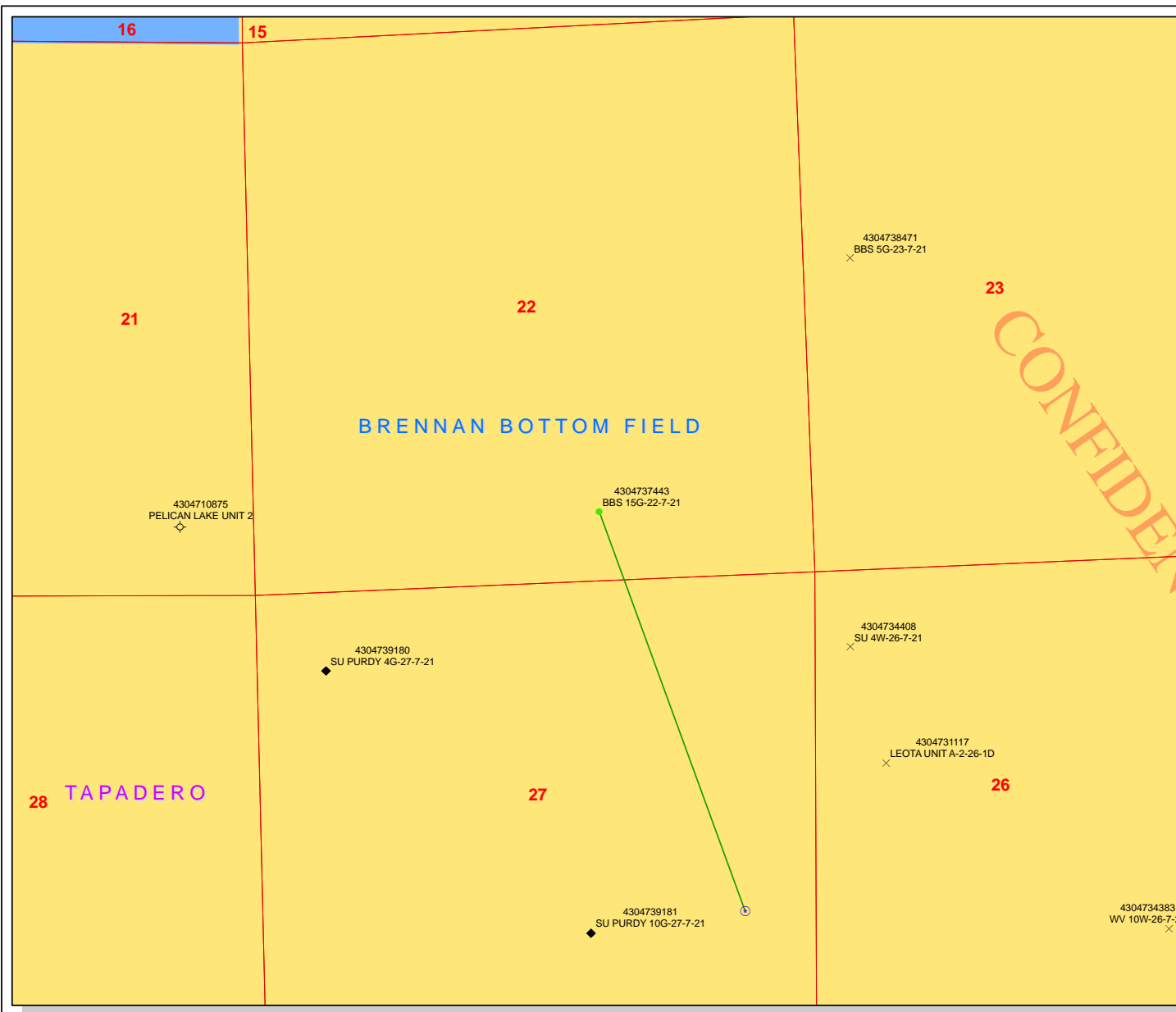
43-047-37443	BBS 15G-22-7-21 Sec 22 T07S R21E 0669 FSL 2022 FEL	
	Lateral 1 Sec 27 T07S R21E 2080 FSL 0660 FEL	

This office has no objection to permitting the well at this time.

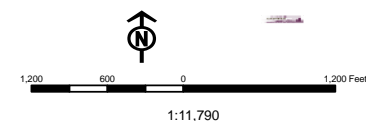
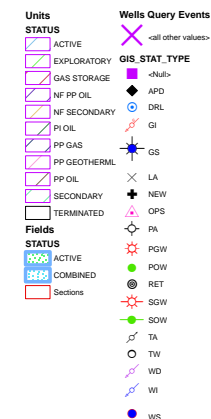
/s/ Michael L. Coulthard

bcc: File - Johnson Bottom Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-11-09



API Number: 4304737443
Well Name: BBS 15G-22-7-21
Township 07.0 S Range 21.0 E Section 22
Meridian: SLBM
 Operator: QUESTAR EXPLORATION & PRODUCTION CO
 Map Prepared:
 Map Produced by Diana Mason



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/8/2009

API NO. ASSIGNED: 43047374430000

WELL NAME: BBS 15G-22-7-21

OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO (N5085)

PHONE NUMBER: 435 781-4331

CONTACT: Jan Nelson

PROPOSED LOCATION: SWSE 22 070S 210E

Permit Tech Review: ☒

SURFACE: 0669 FSL 2022 FEL

Engineering Review: ☐

BOTTOM: 2080 FSL 0660 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.19114

LONGITUDE: -109.53847

UTM SURF EASTINGS: 624413.00

NORTHINGS: 4449786.00

FIELD NAME: BRENNAN BOTTOM

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU16551

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ **PLAT**

☒ **Bond:** FEDERAL - ESB000024

☐ **Potash**

☐ **Oil Shale 190-5**

☐ **Oil Shale 190-3**

☐ **Oil Shale 190-13**

☒ **Water Permit:** A36125 - 49-2153

☐ **RDCC Review:**

☐ **Fee Surface Agreement**

☐ **Intent to Commingle**

Commingle Approved

LOCATION AND SITING:

☐ **R649-2-3.**

Unit: JOHNSON BOTTOM

☐ **R649-3-2. General**

☐ **R649-3-3. Exception**

☒ **Drilling Unit**

Board Cause No: R649-3-2

Effective Date:

Siting:

☒ **R649-3-11. Directional Drill**

Comments: Presite Completed
070430 FR N2460:9/30/09 Original off conf date 3/2/08:

Stipulations: 4 - Federal Approval - bhill
15 - Directional - bhill



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: BBS 15G-22-7-21
API Well Number: 43047374430000
Lease Number: UTU16551
Surface Owner: FEDERAL
Approval Date: 10/1/2009

Issued to:

QUESTAR EXPLORATION & PRODUCTION CO , 11002 East 17500 South, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read 'Gil Hunt', written in a cursive style.

For Gil Hunt
Associate Director, Oil & Gas

AMENDED REPORT ☐ FORM 8
(highlight changes)

[illegible]

CONFIDENTIAL

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/18/2009	TEST DATE: 12/21/2009	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 142	GAS – MCF: 0	WATER – BBL: 77	PROD. METHOD: Pumping
CHOKE SIZE:	TBG. PRESS. 75	CSG. PRESS. 22	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

Perfs 6795' - 8300' 4 spf - 8 shots in every joint of liner. Stuck while drilling - left BHA in hole, used 2-7/8" drill pipe as liner.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Dahn Caldwell

TITLE Office Administrator

SIGNATURE

DATE 12/29/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top— Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

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Weatherford®

Drilling Services

END OF WELL REPORT

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QUESTAR EXPLORATION AND PRODUCTION

QUESTAR_BBS-15G-22-7-21

UINTAH COUNTY, UT

DECEMBER 3, 2009

Weatherford International Ltd.
2000 Oil Drive
Casper, Wyoming 82604
+1.307.265.1413 Main
+1.307.235.3958 Fax
www.weatherford.com



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FINAL SURVEYS.....	SEC.1
DAYS vs DEPTH.....	SEC.2
DAILY ACTIVITY.....	SEC.3
BHA REPORTS.....	SEC.4
MOTOR REPORTS	SEC.5
SLIDE REPORT.....	SEC.6



FINAL SURVEYS



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Project: Uintah County, Utah
Site: BBS 15G-22-7-21
Well: BBS 15G-22-7-21
Wellbore: BBS 15G-22-7-21
Design: BBS 15G-22-7-21
Latitude: 40° 11' 28.040 N
Longitude: 109° 32' 20.960 W
GL: 4909.00
KB: WELL @ 4924.00ft (AZTEC 777)



Weatherford

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL BBS 15G-22-7-21	6379.61	-3911.80	1325.61	40° 10' 49.380 N	109° 32' 3.880 W	Point

WELL DETAILS: BBS 15G-22-7-21

+N/-S	+E/-W	Northing	Ground Level:	4909.00	Latitude	Longitude	Slot
0.00	0.00	7244345.81	Easting	2188149.35	40° 11' 28.040 N	109° 32' 20.960 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSoc	Annotation
6160.00	2.67	176.67	6157.68	-139.89	1.25	0.00	0.00	132.90	Start 42.00 hold at 6160.00 MD
6202.00	2.67	176.67	6199.64	-141.85	1.37	0.00	0.00	134.78	Start DLS 15.34 TFO -16.07
6790.24	92.80	160.58	6555.95	-512.56	126.96	15.34	-16.07	526.20	Start 3608.70 hold at 6790.24 MD
10398.93	92.80	160.58	6379.61	-3911.80	1325.61	0.00	0.00	4130.31	TD at 10398.93

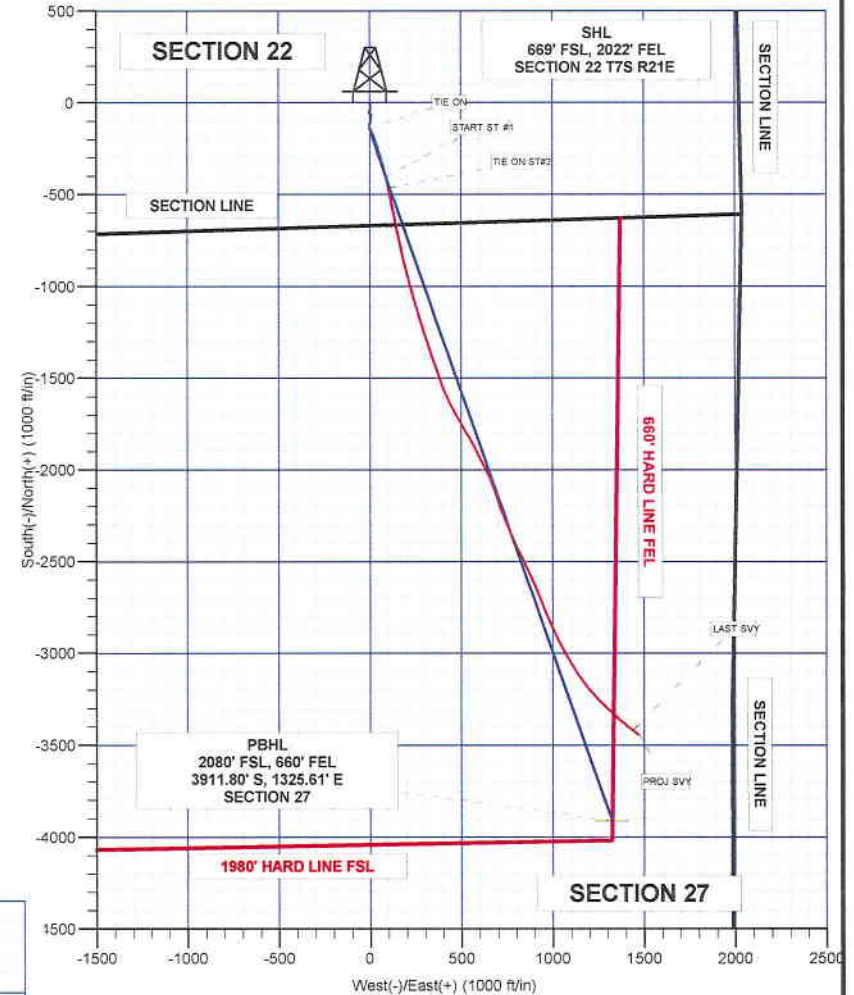
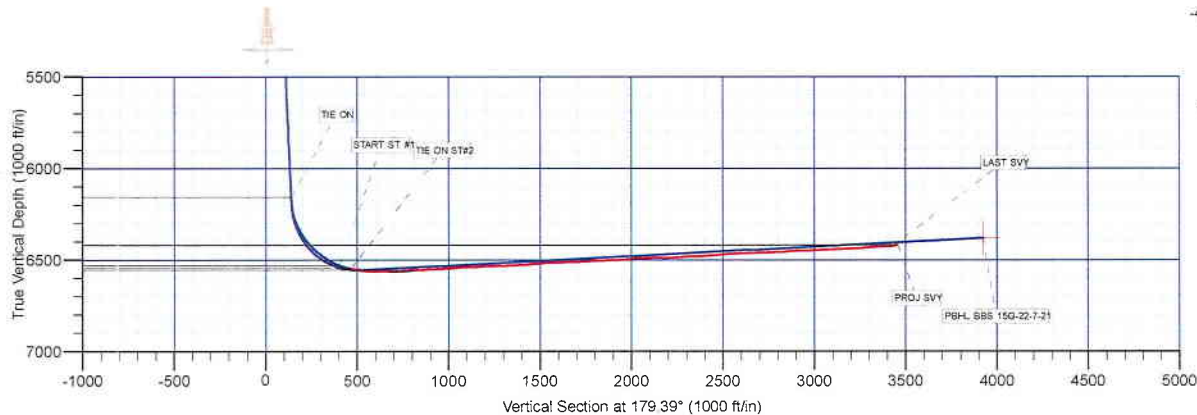
LEGEND

— BBS 15G-22-7-21, BBS 15G-22-7-21, Design #1 V0
— BBS 15G-22-7-21
— Survey #3 ST2



Azimuths to True North
Magnetic North: 11.35°

Magnetic Field
Strength: 52601.3snT
Dip Angle: 66.08°
Date: 10/28/2009
Model: BGGM2009



Survey: Survey #3 ST2 (BBS 15G-22-7-21/BBS 15G-22-7-21)

Created By: TRACY WILLIAMS Date: 8:27, December 03 2009

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Page 1 of 5

Deviation Summary

Well Name: BBS 15G-22-7-21 TMD: 10,001.0 (ft) Closure Distance: 3,698.6 (ft)										Location: 22- 7-S 21-E 26 Spud Date: 9/29/2006 Calculation Method: Minimum Curvature		S/T #	V.S. AZI (°)
TVD: 6,422.88 (ft) Closure Direction: 157.23 (°)												OH 01	161.00 161.00
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type		
OH	6,160.0	2.67	176.70	NYN	6,157.68	-139.89	1.25	132.89	0.04	0.04			
OH	6,211.0	6.94	160.00	YNN	6,208.49	-143.97	2.37	136.90	8.72	8.37			
OH	6,247.0	13.83	148.60	YNN	6,243.88	-149.70	5.36	143.29	19.88	19.14			
OH	6,279.0	19.60	151.39	YNN	6,274.52	-157.68	9.93	152.32	18.20	18.03			
OH	6,310.0	24.44	154.86	YNN	6,303.25	-168.06	15.15	163.83	16.16	15.61	MWD		
OH	6,342.0	29.30	157.91	YNN	6,331.79	-181.31	20.91	178.24	15.78	15.19	MWD		
OH	6,374.0	33.69	161.36	YNN	6,359.07	-196.99	26.69	194.95	14.83	13.72	MWD		
OH	6,405.0	37.56	160.74	YNN	6,384.26	-214.06	32.56	213.00	12.54	12.48	MWD		
OH	6,437.0	41.88	161.49	YNN	6,408.87	-233.41	39.17	233.44	13.58	13.50	MWD		
OH	6,468.0	44.94	161.49	YNN	6,431.39	-253.61	45.93	254.74	9.87	9.87	MWD		
OH	6,496.0	49.44	162.79	YNN	6,450.41	-273.15	52.22	275.27	16.43	16.07	MWD		
OH	6,527.0	53.56	164.24	YNN	6,469.71	-296.41	59.10	299.50	13.78	13.29	MWD		
OH	6,559.0	56.88	165.24	YNN	6,487.96	-321.77	66.01	325.73	10.69	10.38	MWD		
OH	6,591.0	60.00	164.36	YNN	6,504.70	-348.08	73.16	352.93	10.03	9.75	MWD		
OH	6,622.0	65.17	163.53	YNN	6,518.97	-374.51	80.77	380.40	16.85	16.68	MWD		
OH	6,653.0	71.00	164.74	YNN	6,530.54	-402.16	88.63	409.11	19.15	18.81	MWD		
OH	6,687.0	76.08	166.54	YNN	6,540.17	-433.74	96.70	441.59	15.78	14.94	MWD		
OH	6,719.0	78.92	167.09	YNN	6,547.10	-464.16	103.83	472.67	9.03	8.88	MWD		
OH	6,750.0	82.88	166.49	YNN	6,552.00	-493.95	110.82	503.12	12.92	12.77	MWD		
OH	6,782.0	85.31	165.24	YNN	6,555.29	-524.81	118.59	534.83	8.53	7.59	MWD		
OH	6,813.0	88.56	165.86	YNN	6,556.95	-554.79	126.32	565.69	10.67	10.48	MWD		
OH	6,845.0	88.63	166.86	YNN	6,557.73	-585.87	133.86	597.54	3.13	0.22	MWD		
OH	6,876.0	91.43	167.30	YNN	6,557.72	-616.09	140.79	628.36	9.14	9.03	MWD		
OH	6,908.0	91.88	165.86	YNN	6,556.79	-647.20	148.22	660.19	4.71	1.41	MWD		
OH	6,940.0	92.50	168.11	YNN	6,555.57	-678.35	155.42	691.99	7.29	1.94	MWD		
01	6,750.0	82.88	166.49	NYN	6,552.00	-493.95	110.82	503.12	12.92	12.77	MWD		
01	6,782.0	83.29	167.17	YNN	6,555.85	-524.88	118.06	534.72	2.47	1.28	MWD		
01	6,844.0	93.00	169.99	YNN	6,557.86	-585.54	130.31	596.07	16.31	15.66	MWD		
01	6,876.0	89.50	170.11	YNN	6,557.16	-617.05	135.83	627.66	10.94	-10.94	MWD		
01	6,907.0	82.88	169.86	YNN	6,559.22	-647.49	141.21	658.19	21.37	-21.35	MWD		
01	6,939.0	86.30	169.22	YNN	6,562.24	-678.82	146.99	689.69	10.87	10.69	MWD		
01	6,971.0	93.50	167.49	YNN	6,562.29	-710.14	153.45	721.40	23.14	22.50	MWD		
01	7,002.0	90.88	165.86	YNN	6,561.11	-740.28	160.59	752.23	9.95	-8.45	MWD		

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Page 2 of 5

Deviation Summary

Well Name: BBS 15G-22-7-21										S/T #	V.S. AZI (°)
TMD: 10,001.0 (ft)										OH	161.00
TVD: 6,422.88 (ft)										01	161.00
Closure Distance: 3,698.6 (ft)										Calculation Method: Minimum Curvature	
Closure Direction: 157.23 (°)											
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
01	7,034.0	94.19	164.49	YNN	6,559.69	-771.18	168.77	784.11	11.19	10.34	MWD
01	7,065.0	101.06	163.49	YNN	6,555.58	-800.69	177.23	814.77	22.39	22.16	MWD
02	6,782.0	83.29	167.17	NYN	6,555.85	-524.87	118.04	534.26	0.00	0.00	MWD
03	6,719.0	78.92	167.09	NYN	6,547.10	-464.00	103.81	472.77	0.00	0.00	MWD
03	6,722.0	79.40	167.13	YNN	6,547.66	-466.87	104.47	475.45	16.05	16.00	MWD
03	6,754.0	78.60	170.07	YNN	6,553.77	-497.66	110.68	506.58	9.36	-2.50	MWD
03	6,786.0	83.62	168.34	YNN	6,558.72	-528.70	116.60	537.86	16.57	15.69	MWD
03	6,817.0	85.22	168.49	YNN	6,561.73	-558.93	122.79	568.46	5.18	5.16	MWD
03	6,848.0	90.20	168.18	YNN	6,562.97	-589.25	129.06	599.17	16.10	16.06	MWD
03	6,879.0	92.55	169.34	YNN	6,562.22	-619.65	135.10	629.87	8.45	7.58	MWD
03	6,911.0	91.06	168.40	YNN	6,561.22	-651.03	141.27	661.55	5.50	-4.66	MWD
03	6,943.0	90.66	167.89	YNN	6,560.74	-682.34	147.84	693.30	2.03	-1.25	MWD
03	6,974.0	92.15	167.62	YNN	6,559.98	-712.63	154.42	724.08	4.88	4.81	MWD
03	7,006.0	93.86	167.90	YNN	6,558.30	-743.86	161.19	755.81	5.41	5.34	MWD
03	7,037.0	93.05	167.91	YNN	6,556.43	-774.11	167.67	786.53	2.61	-2.61	MWD
03	7,069.0	91.57	167.12	YNN	6,555.14	-805.33	174.59	818.29	5.24	-4.63	MWD
03	7,100.0	90.71	167.20	YNN	6,554.52	-835.55	181.47	849.11	2.79	-2.77	MWD
03	7,132.0	92.77	165.98	YNN	6,553.55	-866.66	188.89	880.94	7.48	6.44	MWD
03	7,164.0	91.23	165.94	YNN	6,552.44	-897.68	196.65	912.80	4.81	-4.81	MWD
03	7,195.0	94.71	165.12	YNN	6,550.83	-927.65	204.38	943.66	11.53	11.23	MWD
03	7,226.0	95.47	165.97	YNN	6,548.08	-957.55	212.09	974.44	3.67	2.45	MWD
03	7,258.0	92.49	164.84	YNN	6,545.86	-988.44	220.13	1,006.26	9.96	-9.31	MWD
03	7,289.0	93.57	164.34	YNN	6,544.22	-1,018.29	228.36	1,037.16	3.84	3.48	MWD
03	7,321.0	95.81	163.98	YNN	6,541.60	-1,048.97	237.07	1,069.00	7.09	7.00	MWD
03	7,353.0	92.03	164.18	YNN	6,539.42	-1,079.66	245.82	1,100.87	11.83	-11.81	MWD
03	7,384.0	89.74	162.71	YNN	6,538.94	-1,109.37	254.65	1,131.84	8.78	-7.39	MWD
03	7,416.0	93.36	163.89	YNN	6,538.07	-1,140.00	263.84	1,163.79	11.90	11.31	MWD
03	7,447.0	94.20	162.54	YNN	6,536.03	-1,169.62	272.77	1,194.70	5.12	2.71	MWD
03	7,479.0	91.28	162.11	YNN	6,534.50	-1,200.07	282.48	1,226.65	9.22	-9.13	MWD
03	7,497.0	91.51	161.82	YNN	6,534.06	-1,217.18	288.05	1,244.64	2.06	1.28	MWD
03	7,528.0	91.46	161.45	YNN	6,533.26	-1,246.59	297.81	1,275.63	1.20	-0.16	
03	7,560.0	92.60	161.60	YNN	6,532.12	-1,276.92	307.95	1,307.61	3.59	3.56	
03	7,592.0	93.34	162.16	YNN	6,530.46	-1,307.29	317.89	1,339.56			

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Page 3 of 5

Deviation Summary

Well Name: BBS 15G-22-7-21										S/T #	V.S. AZI (°)
TMD: 10,001.0 (ft)										OH	161.00
TVD: 6,422.88 (ft)										01	161.00
Closure Distance: 3,698.6 (ft)										Calculation Method: Minimum Curvature	
Closure Direction: 157.23 (°)											
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
03	7,623.0	91.86	161.93	YNN	6,529.06	-1,336.75	327.43	1,370.53	4.83	-4.77	MWD
03	7,655.0	91.40	161.37	YNN	6,528.15	-1,367.11	337.50	1,402.51	2.26	-1.44	
03	7,686.0	92.60	160.66	YNN	6,527.07	-1,396.41	347.58	1,433.49	4.50	3.87	
03	7,718.0	95.17	160.98	YNN	6,524.90	-1,426.56	358.07	1,465.41	8.09	8.03	
03	7,749.0	95.11	160.87	YNN	6,522.12	-1,455.74	368.16	1,496.29	0.40	-0.19	
03	7,781.0	94.48	159.85	YNN	6,519.45	-1,485.77	378.88	1,528.17	3.74	-1.97	
03	7,813.0	93.29	161.10	YNN	6,517.28	-1,515.86	389.55	1,560.10	5.39	-3.72	
03	7,844.0	92.54	159.08	YNN	6,515.70	-1,544.97	400.09	1,591.05	6.94	-2.42	
03	7,876.0	91.40	156.90	YNN	6,514.60	-1,574.62	412.07	1,622.99	7.68	-3.56	
03	7,907.0	92.94	155.36	YNN	6,513.43	-1,602.94	424.61	1,653.85	7.02	4.97	
03	7,970.0	90.71	152.00	YNN	6,511.42	-1,659.37	452.52	1,716.29	6.40	-3.54	
03	8,033.0	91.85	150.28	YNN	6,510.01	-1,714.53	482.92	1,778.34	3.27	1.81	
03	8,065.0	93.52	149.18	YNN	6,508.51	-1,742.14	499.03	1,809.69	6.25	5.22	
03	8,096.0	94.09	149.71	YNN	6,506.46	-1,768.77	514.76	1,840.00	2.51	1.84	
03	8,128.0	91.74	149.87	YNN	6,504.83	-1,796.39	530.84	1,871.34	7.36	-7.34	
03	8,159.0	92.66	151.23	YNN	6,503.64	-1,823.36	546.07	1,901.80	5.29	2.97	MWD
03	8,159.0	92.66	151.23	YNN	6,503.64	-1,823.36	546.07	1,901.80	0.00	0.00	
03	8,190.0	91.74	151.11	YNN	6,502.45	-1,850.50	561.01	1,932.33	2.99	-2.97	
03	8,222.0	91.57	151.37	YNN	6,501.53	-1,878.54	576.40	1,963.85	0.97	-0.53	MWD
03	8,253.0	92.66	152.52	YNN	6,500.38	-1,905.88	590.96	1,994.44	5.11	3.52	MWD
03	8,285.0	93.57	152.84	YNN	6,498.64	-1,934.27	605.63	2,026.06	3.01	2.84	MWD
03	8,316.0	93.05	153.01	YNN	6,496.85	-1,961.82	619.72	2,056.70	1.76	-1.68	MWD
03	8,348.0	95.06	154.92	YNN	6,494.59	-1,990.50	633.73	2,088.38	8.65	6.28	MWD
03	8,380.0	91.57	154.94	YNN	6,492.74	-2,019.43	647.26	2,120.14	10.91	-10.91	MWD
03	8,411.0	92.03	156.38	YNN	6,491.77	-2,047.66	660.03	2,150.99	4.87	1.48	MWD
03	8,443.0	93.92	158.21	YNN	6,490.11	-2,077.14	672.36	2,182.87	8.22	5.91	MWD
03	8,475.0	91.57	159.83	YNN	6,488.57	-2,106.98	683.81	2,214.82	8.92	-7.34	
03	8,506.0	89.12	161.93	YNN	6,488.39	-2,136.27	693.96	2,245.81	10.41	-7.90	
03	8,538.0	88.77	162.01	YNN	6,488.98	-2,166.69	703.86	2,277.80	1.12	-1.09	
03	8,538.0	88.87	162.01	YNN	6,488.98	-2,166.69	703.86	2,277.80	0.00	0.00	
03	8,601.0	94.25	160.14	YNN	6,487.26	-2,226.24	724.28	2,340.75	9.04	8.54	
03	8,632.0	95.86	157.84	YNN	6,484.53	-2,255.06	735.35	2,371.61	9.03	5.19	
03	8,664.0	94.02	157.50	YNN	6,481.77	-2,284.55	747.46	2,403.43	5.85	-5.75	

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Page 4 of 5

Deviation Summary

Well Name: BBS 15G-22-7-21										S/T #	V.S. AZI (°)
TMD: 10,001.0 (ft)										OH	161.00
Closure Distance: 3,698.6 (ft)										01	161.00
TVD: 6,422.88 (ft)											
Closure Direction: 157.23 (°)											
Location: 22-7-S 21-E 26											
Spud Date: 9/29/2006											
Calculation Method: Minimum Curvature											
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
03	8,696.0	91.51	158.25	YNN	6,480.23	-2,314.16	759.50	2,435.35	8.19	-7.84	MWD
03	8,727.0	92.59	157.34	YNN	6,479.12	-2,342.84	771.20	2,466.28	4.55	3.48	MWD
03	8,759.0	92.43	156.55	YNN	6,477.72	-2,372.26	783.72	2,498.17	2.52	-0.50	MWD
03	8,790.0	93.22	154.60	YNN	6,476.19	-2,400.45	796.53	2,528.99	6.78	2.55	MWD
03	8,822.0	94.15	154.35	YNN	6,474.13	-2,429.26	810.29	2,560.72	3.01	2.91	MWD
03	8,854.0	94.20	153.75	YNN	6,471.81	-2,457.96	824.25	2,592.40	1.88	0.16	MWD
03	8,886.0	93.63	154.12	YNN	6,469.62	-2,486.64	838.28	2,624.08	2.12	-1.78	MWD
03	8,917.0	93.46	154.26	YNN	6,467.70	-2,514.49	851.75	2,654.80	0.71	-0.55	MWD
03	8,949.0	93.10	153.79	YNN	6,465.87	-2,543.21	865.74	2,686.51	1.85	-1.13	MWD
03	8,990.0	92.65	154.67	YNN	6,463.82	-2,580.09	883.54	2,727.17	2.41	-1.10	MWD
03	9,036.0	91.94	156.49	YNN	6,461.97	-2,621.94	902.55	2,772.93	4.24	-1.54	MWD
03	9,068.0	91.50	157.74	YNN	6,461.01	-2,651.40	914.98	2,804.84	4.14	-1.38	MWD
03	9,100.0	92.38	157.37	YNN	6,459.93	-2,680.96	927.19	2,836.76	2.98	2.75	MWD
03	9,131.0	91.31	157.74	YNN	6,458.93	-2,709.60	939.02	2,867.69	3.65	-3.45	MWD
03	9,163.0	90.75	157.99	YNN	6,458.36	-2,739.24	951.08	2,899.64	1.92	-1.75	MWD
03	9,194.0	90.91	157.30	YNN	6,457.91	-2,767.90	962.87	2,930.58	2.28	0.52	MWD
03	9,226.0	94.44	157.61	YNN	6,456.41	-2,797.42	975.12	2,962.48	11.07	11.03	MWD
03	9,257.0	94.25	156.49	YNN	6,454.07	-2,825.88	987.18	2,993.32	3.65	-0.61	MWD
03	9,289.0	93.06	155.74	YNN	6,452.03	-2,855.08	1,000.11	3,025.14	4.39	-3.72	MWD
03	9,320.0	92.56	155.49	YNN	6,450.51	-2,883.28	1,012.89	3,055.96	1.80	-1.61	
03	9,352.0	91.40	153.76	YNN	6,449.40	-2,912.18	1,026.59	3,087.74	6.51	-3.63	
03	9,383.0	90.44	151.99	YNN	6,448.90	-2,939.76	1,040.73	3,118.43	6.49	-3.10	
03	9,415.0	90.56	150.99	YNN	6,448.62	-2,967.88	1,056.00	3,149.99	3.15	0.38	
03	9,447.0	92.69	150.36	YNN	6,447.72	-2,995.77	1,071.66	3,181.45	6.94	6.66	
03	9,478.0	94.38	150.74	YNN	6,445.80	-3,022.71	1,086.88	3,211.88	5.59	5.45	
03	9,510.0	93.00	149.61	YNN	6,443.75	-3,050.41	1,102.76	3,243.24	5.57	-4.31	
03	9,541.0	91.63	147.74	YNN	6,442.49	-3,076.87	1,118.86	3,273.50	7.47	-4.42	
03	9,573.0	92.50	146.49	YNN	6,441.34	-3,103.72	1,136.22	3,304.55	4.76	2.72	
03	9,605.0	91.63	144.24	YNN	6,440.19	-3,130.03	1,154.40	3,335.34	7.53	-2.72	MWD
03	9,636.0	93.13	142.61	YNN	6,438.90	-3,154.91	1,172.85	3,364.87	7.14	4.84	MWD
03	9,668.0	92.63	141.61	YNN	6,437.29	-3,180.13	1,192.48	3,395.10	3.49	-1.56	MWD
03	9,699.0	91.89	140.74	YNN	6,436.07	-3,204.26	1,211.90	3,424.24	3.68	-2.39	MWD
03	9,731.0	92.19	138.24	YNN	6,434.93	-3,228.57	1,232.67	3,453.99	7.86	0.94	MWD

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Deviation Summary

Well Name: BBS 15G-22-7-21						Location: 22- 7-S 21-E 26				S/T #	V.S. AZI (°)
TMD: 10,001.0 (ft)						Spud Date: 9/29/2006				OH	161.00
Closure Distance: 3,698.6 (ft)						Calculation Method: Minimum Curvature				01	161.00
Closure Direction: 157.23 (°)											
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
03	9,762.0	93.00	135.74	YNN	6,433.53	-3,251.21	1,253.79	3,482.28	8.47	2.61	MWD
03	9,794.0	91.19	132.99	YNN	6,432.36	-3,273.57	1,276.65	3,510.86	10.28	-5.66	MWD
03	9,825.0	94.00	133.61	YNN	6,430.95	-3,294.81	1,299.19	3,538.28	9.28	9.06	MWD
03	9,857.0	93.88	132.49	YNN	6,428.75	-3,316.60	1,322.52	3,566.48	3.51	-0.38	MWD
03	9,888.0	91.50	132.11	YNN	6,427.30	-3,337.44	1,345.42	3,593.64	7.77	-7.68	MWD
03	9,920.0	91.31	132.36	YNN	6,426.51	-3,358.94	1,369.10	3,621.68	0.98	-0.59	MWD
03	9,951.0	92.06	129.86	YNN	6,425.60	-3,379.31	1,392.45	3,648.54	8.42	2.42	MWD
03	9,983.0	93.31	127.74	YNN	6,424.10	-3,399.34	1,417.36	3,675.59	7.68	3.91	MWD
03	10,001.0	94.50	126.99	YNN	6,422.88	-3,410.24	1,431.63	3,690.54	7.81	6.61	MWD

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Page 1 of 8

Operations Summary Report - DRILLING

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2009	06:00 - 16:30	10.50	LOC	3	MOVE 15 MILES WITH WEST ROC TRUCKING
	16:30 - 06:00	13.50	LOC	4	GENERAL RIG UP BY HAND, WATER FUEL AND AIR SYSTEMS RIGGED UP. WINTERIZING RAILS WELDED ON DERRICK BOARD. REPAIR GENERATORS, DERRICK NOT RAISED. RIG 100% MOVED AND 45% RIGGED UP
11/1/2009	06:00 - 21:00	15.00	LOC	4	RIG UP AND PREPARE TO PICK UP B.H.A.
	21:00 - 23:00	2.00	BOP	1	NIPPLE UP BOPE
	23:00 - 02:00	3.00	BOP	2	TEST B.O.P (PIPE RAMS, BLIND RAMS ALL KILL VALVES& CHOKE VALVES & TOP DRIVE VALVES TO 250PSI LOW/ 5 MINUTES AND 3000 PSI HIGH / 10 MINUTES ANNULAR 250 LOW AND 1500 HIGH SAME TIME
11/2/2009	02:00 - 06:00	4.00	TRP	1	SET WEAR BUSHING AND LAY OUT AND STRAP WEIGHT PIPE(B.H.A.) AND DRILLING JARS,CASING SCRAPER, AND X.O. SUBS.HOLD PREJOB SAFETY MEETING RIG UP LAY DOWN MACHINE AND PICK UP B.H.A.
	06:00 - 06:00				SET TIME BACK @ 0200 FOR TIME CHANGE
	06:00 - 10:00	4.00	TRP	1	CONT TO PICK UP DRILL PIPE
	10:00 - 11:30	1.50	OTH		RIG UP THE HOT OIL TRUCK AND HEAT THE WATER AND CIRC THE WELL CLEAN
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE (CHECK THE BREAKS AND BREAK LINKAGE
	12:00 - 15:00	3.00	TRP	2	TRIP OUT WITH THE CASING SCRAPER
	15:00 - 15:30	0.50	OTH		HOLD PREJOB SAFETY MEETING WITH GYRO & KNIGHT PEOPLE
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE (TROUBLE SHOOT THE RIGHT ANGLE DRIVE)
	16:00 - 17:00	1.00	RIG	2	WORK ON THE RIGHT ANGLE DRIVE
	17:00 - 18:00	1.00	TRP	1	PICK UP AND MAKE UP THE WHIPSTOCK ASSEMBLY & ORINATE THE MULE SHOE FOR THE GYRO
	18:00 - 21:30	3.50	TRP	2	TRIP IN THE HOLE WITH THE WHIPSTOC ASSEMBLY
	21:30 - 23:00	1.50	OTH		HOLD PREJOB SAFETY MEETING AND TRIP IN WITH CASED HOLE SOLUTIONS WIRELINE
	23:00 - 23:30	0.50	OTH		ORINATE AND SET WHIP STOCK @ 162/163 DEGREES AND RIG DOWN WIRELINE TRUCK
	23:30 - 00:00	0.50	OTH		SET DRILLING TORQUE ON TOP DRIVE TO 1000-1400 FT. LBS TO MILL THE WINDOW
11/3/2009	00:00 - 06:00	6.00	DRL	7	CUT THE WINDOW @ 6200.9
	06:00 - 13:00	7.00	DRL	7	CONT TO CUT WINDOW FROM 6200.35 FEET TO 6209.85 FEET
	13:00 - 14:00	1.00	CIRC	1	PUMP A HIGH VIS SWEEP AND A TRIP SLUG
	14:00 - 16:00	2.00	TRP	10	TRIP OUT WITH THE MILLING ASSEMBLY
	16:00 - 17:00	1.00	TRP	1	LAY DOWN AND LOAD OUT MILLING ASSEMBLY
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 19:30	2.00	TRP	1	PICK UP WEATHERFORD DIRECTIONAL TOOLS & ORINATE TOOLS
	19:30 - 20:00	0.50	OTH		SURFACE TEST MUD MOTOR
	20:00 - 23:00	3.00	TRP	2	TRIP IN THE HOLE WITH DIRECTIONAL TOOLS
	23:00 - 00:00	1.00	OTH		RIG UP PUMP IN SUB AND WIRELINE TRUCK, HANG SHIEVE IN THE DERRICK
11/4/2009	00:00 - 01:00	1.00	DRL	3	RUN IN THE HOLE WITH THE GYRO AND WIRELINE ORINATE GYRO
	01:00 - 06:00	5.00	DRL	2	TIME DRILL TO GET OUT OF THE WINDOW AND START THE BUILD SECTION
	06:00 - 08:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 6245 FEET TO 6249 FEET
	08:00 - 10:00	2.00	OTH		TRIP OUT WITH WIRE LINE AND GYRO TOOLS RIG DOWN WIRE LINE TRUCK
	10:00 - 18:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 6249 FEET TO 6363 FEET
11/5/2009	18:00 - 06:00	12.00	DRL	2	DIRECTIONAL DRILL FROM 6363 FEET TO 6480
	06:00 - 11:30	5.50	DRL	2	DIRECTIONAL DRILL F/6480 T/6517 37' 6.7"/HR
					WOB 12/14 RPM 202/235 GPM 130
	11:30 - 12:00	0.50	CIRC	1	CIRCULATE AND BUILD TRIP SLUG
	12:00 - 14:30	2.50	TRP	10	TRIP OUT OF HOLE WITH BIT #2
	14:30 - 15:00	0.50	TRP	1	CHANGE OUT BIT AND CHECK MOTOR AND MWD
	15:00 - 15:30	0.50	RIG	1	RIG SERVICE
	15:30 - 18:30	3.00	TRP	10	TIH WITH BIT #3 TO 6470

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Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22-7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2009	18:30 - 19:00	0.50	REAM	1	WASH AND REAM 47' F/6470 T/6517
	19:00 - 06:00	11.00	DRL	2	DIRECTIONAL DRILL F/6517 T/6645 128' 11.6'/HR WOB 12/14 RPM 257 GPM 129
11/6/2009	06:00 - 15:30	9.50	DRL	2	DIRECTIONAL DRILL F/6645 T/6721 76' ROP - 8'/HR GPM - 129 WOB - 10/13
	15:30 - 16:00	0.50	OTH		TROUBLE SHOOT PRESSURE LOSS PROBLEMS
	16:00 - 19:00	3.00	TRP	13	T.O.O.H., TWISTED OFF AT X/O BETWEEN MONEL AND HWDP, 78.07' OF FISH LEFT IN THE HOLE
	19:00 - 23:00	4.00	OTH		WAIT ON FISHING TOOLS
11/7/2009	23:00 - 02:00	3.00	TRP	13	STRAP AND P/U FISHING TOOLS
	02:00 - 06:00	4.00	TRP	13	TRIP IN THE HOLE WITH FISHING TOOLS
	06:00 - 11:30	5.50	TRP	13	SPEAR INTO FISH AND TRIP OUT OF HOLE WITH FISH.
	11:30 - 14:30	3.00	TRP	1	LAY DOWN FISHING AND DIRECTIONAL TOOLS
	14:30 - 15:30	1.00	RIG	6	CUT DRILLING LINE
	15:30 - 19:00	3.50	TRP	1	STRAP AND PICK UP DIRECTIONAL TOOLS, ORIENT AND TEST
	19:00 - 22:30	3.50	TRP	2	TRIP IN THE HOLE
	22:30 - 23:00	0.50	REAM	1	WASH AND REAM 59' TO BOTTOM
	23:00 - 06:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 6721' TO 6803' 82' ROP - 11.7'/HR WOB - 10/19 GPM - 129
					DIRECTIONAL DRILL FROM 6803 TO 6989 186' ROP - 10.9'/HR WOB - 10/20 GPM - 129
11/8/2009	06:00 - 23:00	17.00	DRL	2	CIRCULATE AND PUMP TRIP SLUG
	23:00 - 23:30	0.50	CIRC	1	TRIP OUT OF THE HOLE FOR BIT #5
	23:30 - 02:30	3.00	TRP	10	C/O BITS, CHECK OTOR, C/O FLOAT SUB, RE-SCRIBE AND ORIENT
	02:30 - 03:30	1.00	TRP	1	DIRECTINAL TOOLS
11/9/2009	03:30 - 06:00	2.50	TRP	10	TRIP IN THE HOLE
	06:00 - 10:00	4.00	DRL	7	TROUGH WELLBORE FROM 6760' TO 6770'
	10:00 - 20:00	10.00	DRL	7	TIME DRILL FROM 6770' TO 6786'
	20:00 - 06:00	10.00	DRL	2	DIRECTIONAL DRILL FROM 6786' TO 6851' 65' ROP - 6.5'/HR WOB - 10/20 GPM - 129
11/10/2009	06:00 - 08:30	2.50	DRL	2	DIRECTIONAL DRILL F/6851 T/6861 10'
	08:30 - 09:30	1.00	CIRC	1	CIRCULATE SAMPLES AND PUMP TRIP SLUG
	09:30 - 12:00	2.50	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:00 - 14:00	2.00	TRP	1	CHANGE OUT BIT, MOTOR, AND MULE SHOE SUB(WASHED OUT) ORIENT AND TEST TOOLS
	14:00 - 17:00	3.00	TRP	10	TRIP IN HOLE WITH BIT #6
	17:00 - 18:00	1.00	DRL	2	TROUGH WELL BORE FROM 6842 TO 6862
	18:00 - 22:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 6862 TO 6898 (100% SLIDE) 36' ROP - 9'/HR WOB - 18 GPM - 129
	22:00 - 22:30	0.50	CIRC	1	CIRCULATE UP SAMPLES - NO ZONE CONFIRMATION
	22:30 - 06:00	7.50	DRL	2	DIRECTIONAL DRILL FROM 6898 TO 6966 68' ROP - 9.1 WOB - 10/20 GPM - 129
					DIRECTIONAL DRILL FROM 6966 TO 7078' 112' ROP - 6.8 WOB - 18/20 GPM - 129
11/11/2009	06:00 - 22:30	16.50	DRL	2	CIRCULATE SAMPLE, IN ZONE CONFIRMATION 75% LIMESTONE
	22:30 - 23:30	1.00	CIRC	1	DIRECTIONAL DRILL FROM 7078' TO 7092' 14'
	23:30 - 01:30	2.00	DRL	2	ROP - 7'/HR WOB 10-20 GPM - 129
	01:30 - 02:30	1.00	OTH		TROUBLE SHOOT E-MAG PROBLEMS
	02:30 - 03:30	1.00	DRL	2	DIRECTIONAL DRILL FROM 7092' TO 7104' 12' ROP - 12'/HR WOB - 20-22 GPM - 129
	03:30 - 04:30	1.00	CIRC	1	CIRCULATE SAMPLES,
	04:30 - 06:00	1.50	DRL	2	DIRECTIONAL DRILL FROM 7104 TO 7107

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Operations Summary Report

Well Name: BBS 15G-22-7-21

Spud Date: 9/29/2006

Location: 22- 7-S 21-E 26

Rig Release: 12/10/2009

Rig Name: AZTEC

Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/12/2009	06:00 - 06:30	0.50	TRP	10	TRIP OUT OF THE HOLE TO 6852
	06:30 - 07:30	1.00	REAM	1	WASH AND REAM FROM 6852 TO 6883
	07:30 - 08:00	0.50	CIRC	1	CIRCULATE AND PUMP TRIP SLUG
	08:00 - 12:00	4.00	TRP	10	TRIP OUT OF THE HOLE, C/O DRILLING JARS, FUNCTIONED BLIND RAMS
	12:00 - 16:00	4.00	TRP	1	C/O BIT, MOTOR, MUELSHOE SUB, MONELS, ORIENT AND TEST
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 19:30	3.00	TRP	10	TRIP IN THE HOLE WITH BIT #7
	19:30 - 21:30	2.00	DRL	7	TROUGH WELLBORE FROM 6810' TO 6825'
	21:30 - 06:00	8.50	DRL	7	TIME DRILL FROM 6825 TO 6838'
11/13/2009	06:00 - 17:00	11.00	DRL	2	DRILLING AT 5 MIN/INCH
	17:00 - 17:30	0.50	TRP	2	TIME DRILLING F/6838 T/6861
	17:30 - 20:30	3.00	REAM	1	TRIP OUT OF HOLE TO 6744
	20:30 - 00:00	3.50	TRP	2	WASH AND REAM HOLE FROM 6744 TO 6807
11/14/2009	00:00 - 06:00	6.00	DRL	7	PULL UP TO 6720 AND TROUGH F/ 6720 T/6735
	06:00 - 09:30	3.50	DRL	7	TIME DRILL FROM 6735 TO 6740 @ 5 MIN/INCH
	09:30 - 06:00	20.50	DRL	2	TIME DRILL FROM 6740 TO 6750
11/15/2009	06:00 - 09:30	3.50	DRL	2	DIRECTIONAL DRILL FROM 6750 TO 6945
	09:30 - 12:00	2.50	OTH	2	ENTERED ZONE AT 6821 MD, 6562 TVD
	12:00 - 16:00	4.00	TRP	13	DIRECTIONAL DRILL F/6945 T/6981 36' 10.2'/HR
	16:00 - 18:00	2.00	TRP	1	WORK ON MWD AND PUMP PRESSURE PROBLEMS
	18:00 - 18:30	0.50	RIG	1	TRIP OUT OF HOLE (TIGHT F/6935 T/6780)
	18:30 - 19:00	0.50	RIG	2	C/O BIT, MOTOR REMOVE MWD, INSPECT DIR. TOOLS FOR PACK-OFF.
	19:00 - 20:30	1.50	TRP	1	RIG SERVICE
	20:30 - 23:30	3.00	TRP	2	WORK ON TOP DRIVE ROTARY GAGE
	23:30 - 01:30	2.00	REAM	1	INSTALL MWD TOOL, ORIENT AND TEST
	01:30 - 06:00	4.50	DRL	2	TRIP IN THE HOLE
	06:00 - 13:30	7.50	DRL	2	WASH AND REAM F/ 6838 T/6981
	13:30 - 14:00	0.50	RIG	1	DIRECTIONAL DRILL F/6981 T/6985 4' (SLIDING)
	14:00 - 23:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 6985' TO 7083' 98'
11/16/2009	23:00 - 00:00	1.00	OTH	2	13.1 FT/HR WOB 15-22 GPM - 124
	00:00 -		DRL	2	RIG SERVICE
	06:00 - 16:30	10.50	DRL	2	DIRECTIONAL DRILL FROM 7083' TO 7183' 100'
	16:30 - 17:30	1.00	DRL	2	11.1 FT/HR WOB 15-22 GPM - 124
	17:30 - 18:00	0.50	DRL	2	TROUBLE SHOOT MWD/PRESSURE PROBLEMS, RESET MWD WITH PUMPS
	18:00 - 19:00	1.00	DRL	2	DOWN FOR 7 MINUTES TO RE-ACQUIRE MWD PULSE
	19:00 - 00:00	5.00	DRL	2	DIRECTIONAL DRILL FROM 7183' TO 7215
	00:00 - 01:00	1.00	CIRC	1	DIRECTIONAL DRILL FROM 7215' TO 7342' 127'
	01:00 - 06:00	5.00	DRL	2	12.1 FT/HR WOB - 15-22 GPM - 136
	06:00 - 11:00	5.00	DRL	1	DIFICULT TO SLIDE DOWN AT 7342'
	11:00 - 11:30	0.50	RIG	1	TROUGH FROM 7327' TO 7342'
	11:30 - 13:00	1.50	DRL	2	DIRECTIONAL DRILL FROM 7342' TO 7357'
					GEOLOGY SAMPLE AT 7345' SHOWED 30% SHALE
11/17/2009	06:00 - 11:00	5.00	DRL	1	TROUGH FROM 7342' TO 7357'
	11:00 - 11:30	0.50	RIG	1	DIRECTIONAL DRILL FROM 7357' TO 7380'
	11:30 - 13:00	1.50	DRL	2	SLID TO A PROJECTED ANGLE AT THE BIT OF 90.5 - 91.0
					CIRCULATE UP SAMPLE FROM 7380'
					SHOWED IN ZONE LIMESTONE WITH A TRACE OF SHALE
					DIRECTIONAL DRILL FROM 7380' TO 7420'
11/18/2009	06:00 - 11:00	5.00	DRL	1	SLIDING TO DIP AS NEEDED
	11:00 - 11:30	0.50	RIG	1	DIRECTION DRILL F/7420' T/7496'
	11:30 - 13:00	1.50	DRL	2	RIG SERVICE
					DIRECTIONAL DRILL F/7496' T/7523'

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Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/18/2009	13:00 - 13:30	0.50	CIRC	1	CIRCULATE AND PUMP TRIP SLUG
	13:30 - 16:30	3.00	TRP	10	TRIP OUT OF HOLE, TIGHT FROM 7523' TO 6965'
	16:30 - 17:30	1.00	OTH		CIRCULATE, WORK ON PASON AND PUMP SECOND TRIP SLUG
	17:30 - 18:30	1.00	TRP	10	TRIP OUT OF THE HOLE
	18:30 - 04:00	9.50			TRIP CHECK BHA , L/D 1 JOINT HWDP - BAD PIN NEEDS REFACED, C/O JARS
	04:00 - 06:00	2.00	TRP	1	C/O BIT AND MOTOR, (MOTOR BENT AT 1.5), L/D MWD AND RE-PROGRAM FOR ADJITATOR, ORIENT DIRRECTIONAL TOOLS AND TEST
11/19/2009	06:00 - 07:00	1.00	OTH		WORK ON MWD, WOULD NOT PULSE ON SURFACE TEST
	07:00 - 08:00	1.00	TRP	1	FINISH PICKING UP B.H.A. (TEST MOTOR & MW.D. O.K.)
	08:00 - 12:00	4.00	TRP	2	TRIP IN THE HOLE TO 6692 FEET
	12:00 - 13:00	1.00	TRP	2	TRIP INTO OLD HOLE (CONFORMED)
	13:00 - 14:00	1.00	TRP	2	TRIP OUT AND ORIENTATE MOTOR AND TRIP BACK INTO THE NEW HOLE
					SURVEY TO CONFORM BACK IN THE NEW HOLE
	14:00 - 15:30	1.50	REAM	1	WASH & REAM FROM 7240 FEET TO 7500 FEET RELOG GAMA FROM 7500 FEET TO 7523 FEET
	15:30 - 16:00	0.50	DRL	2	ESTABLISH DRILLING RATES & DRILL FROM 7523 TO 7538 FEET
	16:00 - 17:30	1.50	OTH		TROUBLE SHOOT M.W.D. TOOLS
	17:30 - 00:00	6.50	TRP	13	TRIP OUT FOR M.W.D. TOOLS
11/20/2009	00:00 - 01:00	1.00	OTH		WORK ON M.W.D. TOOLS PICK UP TOOLS AND SURFACE TEST (O.K.)
	01:00 - 06:00	5.00	TRP	2	TRIP IN THE HOLE AND TEST M.W.D. TOOLS @ 1635 FEET , 3981 FEET
	06:00 - 08:00	2.00	REAM	1	WASH AND REAM FROM 7203 TO 7538 FEET
11/21/2009	08:00 - 06:00	22.00	DRL	2	DIRECTIONAL DRILL 4.75" HOLE FROM 7538 FEET TO
	06:00 - 22:30	16.50	DRL	2	DIRECTIONAL DRILL 4.75" HOLE FROM 7920 FEET TO 8212 FEET
	22:30 - 23:00	0.50	CIRC	1	CIRC SWEEPS OUT OF THE HOLE
11/22/2009	23:00 - 03:00	4.00	TRP	14	TRIP OUT TO MOVE PUSH PIPE BACK REAM & PUMP OUT OF THE HOLE FROM 8212 FEET TO 7476 FEET (TIGHT FROM 7853 TO 7801 FEET)
	03:00 - 06:00	3.00	TRP	14	TRIP OUT TO MOVE PUSH PIPE
	06:00 - 11:00	5.00	TRP	2	TRIP IN THE HOLE TO 8022 FEET
	11:00 - 11:30	0.50	REAM	1	WASH & REAM FROM 8022 FEET TO 5212 FEET
	11:30 - 12:30	1.00	DRL	2	ESTABLISH FLOW RATES AND TRY TO DRILL COULD NOT GET ANY DIFFERENTIAL PRES.
	12:30 - 14:00	1.50	TRP	13	TRIP OUT BACK REAM FROM 8212 FEET TO 8022 FEET (PUMP TRIP SLUG)
	14:00 - 17:00	3.00	TRP	13	TRIP OUT OF THE HOLE
	17:00 - 18:00	1.00	TRP	12	BREAK OUT AND LAY DOWN DAMAGED MOTOR AND BIT PICK UP NEW MOTOR AND NEW BIT #10 & ORIENATE TOOLS
	18:00 - 19:00	1.00	OTH		TEST MWD TOOLS AND MUD MOTOR @ SURFACE
	19:00 - 22:30	3.50	TRP	2	TRIP IN THE HOLE & TEST MWD TOOLS @ 1380 & 4675 FEET
	22:30 - 23:30	1.00	SUR	1	ORINATE TOOL FACE TO 170° TO GET PAST SIDE TRACK @ 6696 FEET
	23:30 - 00:00	0.50	TRP	2	TRIP IN 6 STANDS STOPED @ 7110 FEET TRIP OUT 6 STANDS TO 6696 FEET
	00:00 - 01:00	1.00	SUR	1	REORINATE TOOL FACE & TRIP IN THE HOLE
	01:00 - 02:00	1.00	TRP	2	TRIP IN THE HOLE TO 7612 FEET
	02:00 - 04:00	2.00	REAM	1	WASH & REAM FROM 7612 FEET TO 8212 FEET
11/23/2009	04:00 - 06:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 8212 FEET TO
11/24/2009	06:00 - 06:00	24.00	DRL	2	DIRECTIONAL DRILL FROM 8212 FEET TO 8445
	06:00 - 07:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 8453 FEET TO 8461 FEET
	07:00 - 07:30	0.50	OTH		TROUGH HOLE FROM 8486 FEET TO 8461 FEET
	07:30 - 10:30	3.00	DRL	2	DIRECTIONAL DRILL FROM 8461 FEET TO 8473 FEET
	10:30 - 11:00	0.50	CIRC	1	CIRC UP SAMPLES @ 8473 FEET
	11:00 - 12:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 8473 FEET TO 8483 FEET
	12:00 - 13:00	1.00	CIRC	1	CIRC. UP SAMPLES @ 8473 FEET
	13:00 - 18:00	5.00	DRL	2	DIRECTIONAL DRILL FROM 8483 FEET TO 8528 FEET
	18:00 - 02:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 8528 FEET TO 8591 FEET

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Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/24/2009	02:00 - 02:30	0.50	CIRC	1	CIRC UP SAMPLES @ 8591 FEET
	02:30 - 06:00	3.50	DRL	2	DIRECTIONAL DRILL FROM 8591 FEET TO
11/25/2009	06:00 - 13:30	7.50	DRL	2	DIRECTIONAL DRILL 4.75" HOLE FROM 8606 FEET TO 8680 FEET
	13:30 - 14:00	0.50	CIRC	1	CIRC UP SAMPLES
	14:00 - 18:00	4.00	DRL	2	DRILL FROM 8680 FEET TO 8777 FEET
	18:00 - 18:30	0.50	CIRC	1	CIRC 2 HIGH VIS SWEEPS TO SURFACE
	18:30 - 20:30	2.00	TRP	14	SHORT TRIP 11 STANDS FROM 8777 FEET TO 8085 FEET
	20:30 - 21:00	0.50	TRP	14	TRIP IN THE HOLE TO 8275 FEET
	21:00 - 22:00	1.00	REAM	1	WASH & REAM FROM 8275 FEET TO 8777 FEET
	22:00 - 06:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 8777 FEET TO 8870
11/26/2009	06:00 - 14:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 8866 FEET TO 8939 FEET
	14:30 - 15:00	0.50	CIRC	1	CIRC SAMPLE @ 8937 FEET
	15:00 - 16:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 8939 FEET TO 8967 FEET
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 18:00	1.50	DRL	2	DIRECTIONAL DRILL FROM 8967 FEET TO 8977 FEET
	18:00 - 02:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 8977 FEET TO 9068
	02:00 - 03:00	1.00	SUR	1	REBOOT M.W.D. TOOLS
	03:00 - 06:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 9068 FEET TO 9090 FEET
11/27/2009	06:00 - 11:00	5.00	TRP	10	TRIP OUT FOR BIT & MUD MOTOR
	11:00 - 12:30	1.50	OTH		TROUGH HOLE FROM 6728 FEET TO 6755 FEET (SIDE TRACK)
	12:30 - 14:00	1.50	RIG	6	CUT 495 FEET OF DRILLING LINE
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 17:30	3.00	TRP	10	TRIP OUT FOR BIT & MOTOR
	17:30 - 18:00	0.50	TRP	1	LAY OUT BIT, MOTOR, ADJITATOR, SHOCK SUB
	18:00 - 20:00	2.00	TRP	1	PICK UP NEW MUD MOTOR, BIT, ADJATOR & SHOCK SUB TRIP IN THE HOLE
	20:00 - 22:30	2.50	TRP	2	TRIP IN THE HOLE TO 5433 FEET
	22:30 - 23:30	1.00	CIRC	1	FILL THE PIPE (PRESURED UP TO 3000 PSI WITH VERY LITTLE RETURNS)
					ATTEMPT TO CIRC WITH BAD RESULTS
	23:30 - 03:30	4.00	TRP	2	TRIP OUT OF THE HOLE TO THE SHOCK SUB AND THE ADJITATOR TRY TO
					CIRC COULD NOT ! TRIP OUT TO THE BIT
	03:30 - 06:00	2.50	DRL	2	TROUBLE SHOOT PRESURE INCREASE AT THE MWD TOOLS & THE MOTOR
					(PULLED THE MWD TOOLS OUT AND WE COULD CIRC THE MOTOR AND THE
					MONELS (MWD FAILURE)
11/28/2009	06:00 - 07:00	1.00	DRL	2	REPROGRAM M.W.D. TOOLS
	07:00 - 08:30	1.50	DRL	2	SURFACE TEST MWD TOOLS = 80 SPM= 953 PSI
	08:30 - 10:30	2.00	TRP	2	TRIP IN THE HOLE TESTING MWD TOOLS
	10:30 - 11:00	0.50	RIG	2	REPLACE TOP DRIVE SWIVEL PACKING
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 18:00	6.50	TRP	2	TRIP IN THE HOLE TO 7509 FEET
	18:00 - 21:00	3.00	REAM	1	WASH AND REAM FROM 7501 FEET TO 8619 FEET. STRING PRESURED UP
					WE WERE UNABLE TO GET HIGH STAND PIPE PRESURE BACK DOWN (77
					STKS= 2450 TO 3500 PSI)
	21:00 - 00:00	3.00	REAM	1	BACK REAM OUT OF THE HOLE FROM 8619 FEET TO 7907 FEET TRIP OUT
					OF THE HOLE
	00:00 - 00:30	0.50	OTH		LOAD OUT DIRECTIONAL TOOLS
	00:30 - 03:00	2.50	TRP	2	TRIP OUT FOR MWD FAILURE. SURFACE TEST TOOLS WITH #2 PUMP
					PRESURE WENT TO 2500 + PSI
	03:00 - 04:00	1.00	TRP	2	CONT TO TRIP OUT TO THE MWD TOOLS
	04:00 - 04:30	0.50	TRP	2	SURFACE TEST MWD TOOL @2 PUMP PSI= 900 FOR 3-4 MINUTED THEN
					WENT UP TO 2000 PSI
	04:30 - 05:00	0.50	TRP	1	TRIP OUT TO THE M.W.D. TOOLS
	05:00 - 06:00	1.00	DRL	2	EVALUATE MWD TOOLS
11/29/2009	06:00 - 11:00	5.00	DRL	3	PICK UP NEW DIRECTIONAL TOOLS AND SURFACE TEST TOOLS

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Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/29/2009	11:00 - 15:30	4.50	TRP	2	TRIP IN THE HOLE, ORIENT INTO SIDE TRACK AT 6715
	15:30 - 19:30	4.00	REAM	1	WASH AND REAM FROM 7900 FEET TO 9080 FEET
	19:30 - 20:00	0.50	CIRC	1	CIRC AND COND HOLE FOR SURVEY
	20:00 - 20:30	0.50	SUR	1	SURVEY AND CIRC. FOR TOOL FACE
	20:30 - 03:00	6.50	TRP	2	BRIDGE OFF AND PRESURE SPIKE TO 3500/3600 PSI COULD NOT CIRC (PLUGED PIPE) TRIP OUT OF THE HOLE TO THE SHOCK SUB AND THE AGITATOR LAY THEM DOWN TRY TO PUMP ON THE STRING COULD NOT CIRC.
	03:00 - 03:30	0.50	TRP	1	LAY DOWN SHOCK SUB AND AGITATOR IN THE V DOOR
	03:30 - 04:00	0.50	TRP	2	TRIP OUT OF THE HOLE TO THE MOTOR
	04:00 - 06:00	2.00	DRL	3	CHANGE OUT, ADJUST AND ORIENT MOTOR. (MUD MOTOR WOULD NOT ROTATE TO DRAIN)
11/30/2009	06:00 - 07:00	1.00	TRP	1	CHANGE OUT ADJITATOR AND SURFACE TEST (O.K.)
	07:00 - 08:30	1.50	TRP	2	TRIP IN THE HOLE
	08:30 - 09:00	0.50	RIG	1	RIG SERVICE AND REMOVE MIDDLEL SUCTION VAVLE FROM #2 MUD PUMP
	09:00 - 11:30	2.50	TRP	2	TRIP IN THE HOLE TO 7964 FEET
	11:30 - 16:30	5.00	REAM	1	WASH AND REAM FROM 7964 FEET TO 9080 FEET
	16:30 - 18:00	1.50	SUR	1	SURVEY & MIX 2 SX OF SUN BEADS ON BOTTOM TO REDUCE DRAG & TORQUE
	18:00 - 20:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 9080 FEET TO 9131 FEET
	20:00 - 20:30	0.50	CIRC	1	PUMP A SUN BEAD SWEEP AND DISPLACE FOR SLIDE DRILLING
	20:30 - 01:00	4.50	DRL	2	DIRECTIONAL DRILL FROM 9131 FEET TO 9163 FEET
12/1/2009	01:00 - 01:30	0.50	CIRC	1	PUMP A SUN BEAD SWEEP AND DISPLACE FOR SLIDE DRILLING
	01:30 - 06:00	4.50	DRL	2	DIRECTIONAL DRILL 4.75" HOLE FROM 9163 FEET TO 9250
	06:00 - 08:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 9269 FEET TO 9300 FEET
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE & TOP DRIVE (PUMP HIGH VIS SWEEP AROUND THE PIPE
	08:30 - 15:00	6.50	DRL	2	DIRECTIONAL DRILL FROM 9300 FEET TO 9412 FEET
	15:00 - 15:30	0.50	CIRC	1	PUMP 30 BBL'S OF SUN BEAD SWEEP AND DISPLACE
	15:30 - 18:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 9412 FEET TO 9441 FEET
	18:00 - 20:30	2.50	DRL	2	DIRECTIONAL DRILL FROM 9441 FEET TO 9505 FEET
	20:30 - 21:00	0.50	CIRC	1	PUMP 30 BBL'S OF SUN BEAD FOR AN SWEEP AROUND THE PIPE
12/2/2009	21:00 - 03:00	6.00	DRL	2	DIRECTIONAL DRILL FROM 9505 FEET TO 9630
	03:00 - 03:30	0.50	CIRC	1	PUMP 30 BBL'S OF SUN BEADS FOR A SWEEP AROUND THE PIPE
	03:30 - 06:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 9630 FEET TO 9650 FEET
	06:00 - 08:00	2.00	TRP	14	SHORT TRIP FROM 9645 FEET TO 9060 FEET
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE & FIX HYDRO LEAK
	08:30 - 09:00	0.50	TRP	14	FINISH TRIP OUT TO 9060 FEET
	09:00 - 12:30	3.50	REAM	1	WASH & REAM FROM 9060 FEET TO 9645 FEET
	12:30 - 13:30	1.00	DRL	2	DIRECTIONAL DRILL FROM 9645 TO 9680
	13:30 - 14:00	0.50	CIRC	1	PUMP AND DISPLACE A SUN BEAD SWEEP
12/3/2009	14:00 - 18:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 9680 TO 9788 FEET
	18:00 - 21:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 9788 TO 9880 FEET
	21:00 - 21:30	0.50	CIRC	1	CIRC AND PUMP A SUN BEAD SWEEP
	21:30 - 06:00	8.50	DRL	2	DIRECTIONAL DRILL FROM 9880 FEET TO
	06:00 - 09:00	3.00	DRL	2	DIRECTIONAL DRILL F/10005 T/10054 - TD
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR SHORT TRIP
	10:00 - 16:00	6.00	FISH	6	WORK TIGHT HOLE F/9985 T/9965,
	16:00 - 17:30	1.50	CIRC	1	CIRCULATE AND CONDITION, RAISE MUD WT TO 9.6 PPG
	17:30 - 06:00	12.50	FISH	6	WORK TIGHT HOLE FROM 9742 TO 9711 AND RAISE MUD WT TO 9.9
12/4/2009	06:00 - 06:30	0.50	FISH	6	HOLD SAFETY MEETING, RIG UP HALLIBURTON AND TEST LINES TO 3000 PSI
	06:30 - 07:30	1.00	FISH	6	PUMP 35 BBL'S OF ACID WITH HALLIBURTON AND DISPLACE
	07:30 - 10:00	2.50	FISH	6	WORK TIGHT HOLE @ 9711, STRING PARTED @ 175,000 STRING WEIGHT. (10 BBL'S ACID LEFT IN PIPE)

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Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/4/2009	10:00 - 11:00	1.00	OTH		INSPECT RIG AND FIX HYDRAULIC LINES ON TOP DRIVE
	11:00 - 14:00	3.00	TRP	2	TRIP OUT OF HOLE. STRING PULLED APART AT BOTTOM OF JARS. LEFT 7.00' OF JARS IN HOLE, TOTAL FISH LENGTH = 4621', TOP OF FISH AT 5075'
	14:00 - 18:00	4.00	TRP	1	LAY DOWN JARS, PICK UP FISHING TOOLS
	18:00 - 22:00	4.00	TRP	2	T.I.H. TO 5075'
	22:00 - 23:00	1.00	FISH	5	LATCH ONTO FISH, ESTABLISH CIRCULATION, LOST FISH @ 25K OVER STRING WT, UNABLE TO RE-ENGAGE FISH
12/5/2009	23:00 - 03:00	4.00	TRP	2	T.O.O.H. TO CHANGE OUT GRAPPLE
	03:00 - 04:00	1.00	OTH		BREAK DOWN OVERSHOT AND EVALUATE
	04:00 - 06:00	2.00	WOT	4	WAIT ON FISHING TOOLS - OVERSHOT EXTENSIONS
	06:00 - 10:30	4.50	TRP	2	TRIP IN THE HOLE WITH FISHING TOOLS
	10:30 - 12:30	2.00	OTH		THAW OUT TOP DRIVE
	12:30 - 13:00	0.50	FISH	5	WORK TOOLS ON TOP OF FISH, LATCH ONTO FISH, WORK STUCK PIPE
	13:00 - 16:00	3.00	FISH	3	JARRING FROM 120K TO 175K, WORK FISH, CIRCULATE OUT ACID
	16:00 - 17:00	1.00	FISH	4	HOLD SAFETY MEETING AND RIGUP WIRELINE TRUCK
	17:00 - 21:00	4.00	FISH	4	RUN IN THE HOLE WITH WIRELINE, ATTEMPT TO BACK OFF AT 5786' - UNSUCCESSFUL, POOH AND RIG UP NEW SHOT, RUN IN THE HOLE TO 5755 AND BACK OFF FISH, P.O.O.H., RIG DOWN WIRELINE TRUCK
	21:00 - 02:00	5.00	TRP	2	TRIP OUT OF THE HOLE, C/O 1 HWDP - PULLED THREADS, RETRIEVED 22 JOINTS HWDP FROM FISH, L/D BOTTOM JOINT
12/6/2009	02:00 - 03:30	1.50	TRP	4	L/D OVERSHOT, PARTED JAR AND X/O SUB, P/U FISHING ASSEMBLY WITH SCREW IN SUB
	03:30 - 06:00	2.50	TRP	2	TRIP IN THE HOLE WITH SCREW IN SUB
	06:00 - 10:00	4.00	TRP	2	TRIP IN THE HOLE
	10:00 - 10:30	0.50	FISH	5	BREAK CIRCULATION AND SCREW INTO FISH
	10:30 - 00:00	13.50	FISH	6	WORK STUCK PIPE
12/7/2009	00:00 - 03:30	3.50	FISH	5	HOLD SAFETY MEETING, RIG UP HALLIBURTON, PRESURE TEST LINES TO 3000 PSI, PUMP 5000 GALONS OF 15% HCL ACID AND DISPLACE WITH 33 BBLS OF MUD TO 6800' AT 2 BBLS/MIN
	03:30 - 05:30	2.00	FISH	6	WORK STUCK PIPE
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE OUT ACID
	06:00 - 08:00	2.00	CIRC	1	CIRCULATE OUT ACID
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE, INSPECT BREAKS AND TOP DRIVE TRACK
	08:30 - 10:00	1.50	FISH	4	HELD SAFETY MEETING, RIG UP WIRELINE, RUN IN AND BACK OFF AT 6013
	10:00 - 13:00	3.00	TRP	2	TRIP OUT OF THE HOLE
	13:00 - 15:00	2.00	TRP	1	LAY DOWN FISHING BHA
	15:00 - 16:00	1.00	RIG	6	SLIP AND CUT DRILLING LINE
	16:00 - 17:00	1.00	RIG	2	CHANGE SWIVEL PACKING
	17:00 - 20:00	3.00	TRP	2	TRIP IN THE HOLE TO 6013
	20:00 - 20:30	0.50	FISH	5	WASH ON TOP OF AND SCREW INTO FISH
	20:30 - 21:30	1.00	RIG	1	WORK ON SWIVEL PACKING
	21:30 - 22:30	1.00	FISH	6	BREAK CIRCULATION AND WORK STUCK PIPE
	22:30 - 02:00	3.50	FISH	5	HELD SAFETY MEETING, RIG UP HALLIBURTON, PRESSURE TEST LINES TO 3500 PSI, PUMP 4000 GALONS 15% HCL ACID, DISPLACE TO 6800' WITH 33 BBLS OF MUD, LOST 95 BBLS DURING ACID JOB
12/8/2009	02:00 - 06:00	4.00	FISH	6	WORK STUCK PIPE
	06:00 - 09:30	3.50	FISH	4	RIG UP WIRELINE TRUCK AND RUN IN WITH FREE POINT, 70% MOVEMENT @6865'
	09:30 - 12:30	3.00	FISH	4	RUN IN WIHT PERF GUN AND SHOOT PIPE FROM 8402' TO 8408'
	12:30 - 14:00	1.50	FISH	4	RUN IN WITH RCT AND CUT PIPE @ 8404'
	14:00 - 00:30	10.50	FISH	6	WORK STUCK PIPE
	00:30 - 06:00	5.50	PERF	2	RIG UP WIRELINE TRUCK, PICK UP 12 - 2' PERF GUNS, RUN IN THE HOLE AND PERFORATE THE MIDDLE OF EVERY JOINT FROM 8300' TO 7655'

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DIV. OF OIL, GAS & MINING

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Operations Summary Report

Well Name: BBS 15G-22-7-21
Location: 22- 7-S 21-E 26
Rig Name: AZTEC

Spud Date: 9/29/2006
Rig Release: 12/10/2009
Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/8/2009	00:30 - 06:00	5.50	PERF	2	PERFORATIONS @ WIRELINE DEPTHS OF: FROM 8298 TO 7190
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CONFIDENTIAL**Operations Summary Report - COMPLETION**

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/9/2009	06:00 - 12:30	6.50	PERF	2	PERFERATE DRILL PIPE FROM 7170 TO 6795
	12:30 - 06:00	17.50	OTH		WIAT ON HALLIBURTON TO DO ACID JOB
12/10/2009	06:00 - 13:00	7.00	WOT	4	WAIT ON HALLIBURTON TO DO ACID JOB
	13:00 - 15:00	2.00	STIM	1	HOLD SAFETY MEETING AND RIG UP HALLIBURTON
	15:00 - 17:30	2.50	STIM	1	PUMP 357 BBLS OF 15% HCL ACID AND FLUSH WITH 40 BBLS 2% KCL WATER. MAX PUMP RATE WAS 7 BPM @ 3700 PSI, AVERAGE PUMP RATE WAS 5.4 BPM @ 2500 PSI.
	17:30 - 01:30	8.00	LOG	4	RIG UP WIRELINE TRUCK AND RUN IN THE HOLE TO BACK OFF DRILL PIPE AT 6181', 3 ATTEMPTS UNSUCCESSFUL, RUN IN WITH FREE POINT, FREE @ BACK OFF POINT, RUN IN WITH DRY PIPE ROLL SHOT - UNSUCCESSFUL, RUN IN WITH SEVERING TOOL AND PART DRILL STRING @ 6181'
	01:30 - 05:00	3.50	TRP	3	HOLD SAFETY MEETING, RIG UP LAY DOWN MACHINE AND LAY DOWN DRILL PIPE
12/11/2009	05:00 - 06:00	1.00	RIG	2	WORK ON TOP DRIVE
	06:00 - 08:30	2.50	TRP	3	LAY DOWN DRILL STRING
	08:30 - 11:00	2.50	LOG	4	HOLD SAFETY MEETING, RIG UP WIRE LINE AND RUN GAUGE RING AND JUNK BASKET. 2 ND RUN SET RETRIEVABLE BRIDGE PLUG @ 5700'
	11:00 - 14:00	3.00	BOP	1	NIPPLE DOWN BOP
					RIG RELEASED @ 14:00 HRS ON 12/10/2009
12/15/2009	14:00 - 06:00	16.00	LOC	4	RIG DOWN
	06:00 - 17:00	11.00	BOP	1	This is to finish the completion that was started by Drilling. On 12/14/09 MIRU Basin WS to finish the completion of this well. NU BOP's. Tally top row of tbq trailer & SIFN.
					24 Hour Forecast: Will tally & rabbit in the hole w/ ret head & 2-7/8" tbq & attempt to pull RBP @ 5700'.
12/16/2009	06:00 - 17:00	11.00	TRP	5	This is to finish the completion that was started by Drilling. On 12/15/09 SITP & SICP = 0#. Tally & rabbit & RIH w/ ret head & 2-7/8" tbq & tag & latch onto & release RBP @ 5700'. Well went on a vacuum. POOH w/ plug & tbq. RIH w/ production string to 6145' & SIFN.
					24 Hour Forecast: Will land production string & RIH w/ rods & pump.
12/17/2009	06:00 - 17:00	11.00	TRP	5	This is to finish the completion that was started by Drilling. On 12/16/09 SITP & SICP = 20#. Bled off. ND BOP's. Attempt to set tbq anchor and anchor would not set @ 6118'. Attempt to set @ 6088' & 6060' & would not set. POOH w/ tbq & anchor catcher. Anchor was locked up. RIH w/ new anchor catcher & production string. ND BOP's. Set anchor w/ 14M# tension @ 6118'; tbq tail @ 6154' & SN @ 6120'. Change over to rod equipment.
					24 Hour Forecast: Will run rods.
12/18/2009	06:00 - 17:00	11.00	TRP	18	This is to finish the completion that was started by Drilling. On 12/17/09 SITP & SICP = 0#. RU hot oiler & flush tbq w/ 60 bbls of production water w/ snake oil. Bucket test new pump & RIH w/ pump & rods as listed below. Seat pump after loading water w/ 21 bbls of production water w/ snake oil. Pressure test pump & tbq to 700# & held OK. Clamp off polish rod & RDMO Basin Well Service. Turn well over to production department.

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Printed: 12/28/2009 11:59:24 AM

Operations Summary Report

Well Name: BBS 15G-22-7-21
 Location: 22- 7-S 21-E 26
 Rig Name: AZTEC

Spud Date: 9/29/2006
 Rig Release: 12/10/2009
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/18/2009	06:00 - 17:00	11.00	TRP	18	<p>FINAL REPORT OF WELL WORK.</p> <p>LLTR: 81 BBLS</p> <p>Tbg Detail (12/16/09): Pinned NC = 0.44' 1 jt of tbg = 31.98' SN = 1.10' B-2 Anchor Catcher = 2.69' 190 jts of 2-7/8" tbg = 6102.01' Stretch = 1.25' KB = 15' Tbg Tail @ 6154.47'; SN @ 6120.95'. B-2 Anchor Catcher w/ 14M# Tension @ 6118.28'. All tbg is 2-7/8" EUE 8RD J-55, 6.5#.</p> <p>Rod & Pump Detail (12/17/09): Pump = 2-1/2" x 1-3/4" x 20 x 20-1/2 x 21' RHAC Weatherford #2545 Rods: 150 - 3/4" Plain 'D' 92 - 7/8" Plain 'D' 1-8'; 1-6'; 1-2' x 7/8" Ponies 1-1/2" x 26' Polish Rod</p>

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QUESTAR EXPLORATION AND PRODUCTION

UINTAH COUNTY, UTAH

BBS 15G-22-7-21

BBS 15G-22-7-21

BBS 15G-22-7-21

Survey: Survey #3 ST2

Standard Survey Report

03 December, 2009

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DIV. OF OIL, GAS & MINING



Weatherford®



Weatherford International Ltd.

Survey Report



Weatherford

Company: QUESTAR EXPLORATION AND PRODUCTION
Project: UTAH COUNTY, UTAH
Site: BBS 15G-22-7-21
Well: BBS 15G-22-7-21
Wellbore: BBS 15G-22-7-21
Design: BBS 15G-22-7-21

Local Co-ordinate Reference: Well BBS 15G-22-7-21
TVD Reference: WELL @ 4924.00ft (AZTEC 777)
MD Reference: WELL @ 4924.00ft (AZTEC 777)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project UTAH COUNTY, UTAH
Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone

System Datum: Mean Sea Level

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DIV. OF OIL, GAS & MINING

Site BBS 15G-22-7-21

Site Position:
From: Lat/Long
Position Uncertainty: 0.00 ft

Northing: 7,244,345.81 ft
Easting: 2,188,149.35 ft
Slot Radius: "

Latitude: 40° 11' 28.040 N
Longitude: 109° 32' 20.960 W
Grid Convergence: 1.26 °

Well BBS 15G-22-7-21

Well Position +N/-S 0.00 ft
+E/-W 0.00 ft
Position Uncertainty 0.00 ft

Northing: 7,244,345.81 ft
Easting: 2,188,149.35 ft
Wellhead Elevation: ft

Latitude: 40° 11' 28.040 N
Longitude: 109° 32' 20.960 W
Ground Level: 4,909.00 ft

Wellbore BBS 15G-22-7-21

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	10/28/2009	11.36	66.08	52,601

Design BBS 15G-22-7-21

Audit Notes:

Version: 1.0
Phase: ACTUAL
Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	179.39

Survey Program Date 12/3/2009

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	6,160.00	Survey #1 (BBS 15G-22-7-21)	NS-GYRO-MS	North sensing gyrocompassing m/s
6,211.00	6,653.00	Survey #2 (BBS 15G-22-7-21)	MWD	MWD - Standard
6,687.00	7,065.00	Survey #3 ST1 (BBS 15G-22-7-21)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
TIE ON ST#2									
6,719.00	78.92	167.09	6,547.10	-464.15	103.81	465.24	0.00	0.00	0.00
6,722.00	79.40	167.13	6,547.66	-467.02	104.47	468.11	16.05	16.00	1.33
6,754.00	78.60	170.07	6,553.77	-497.81	110.68	498.97	9.36	-2.50	9.19
6,786.00	83.62	168.34	6,558.72	-528.85	116.60	530.07	16.57	15.69	-5.41
6,817.00	85.22	168.49	6,561.73	-559.08	122.79	560.36	5.18	5.16	0.48
6,848.00	90.20	168.18	6,562.97	-589.40	129.06	590.75	16.10	16.06	-1.00
6,879.00	92.55	169.34	6,562.22	-619.80	135.10	621.21	8.45	7.58	3.74
6,911.00	91.06	168.40	6,561.22	-651.18	141.27	652.66	5.50	-4.66	-2.94
6,943.00	90.66	167.89	6,560.74	-682.49	147.84	684.04	2.03	-1.25	-1.59
6,974.00	92.15	167.62	6,559.98	-712.78	154.42	714.39	4.88	4.81	-0.87

Company:	QUESTAR EXPLORATION AND PRODUCTION	Local Co-ordinate Reference:	Well BBS 15G-22-7-21
Project:	UINTAH COUNTY, UTAH	TVD Reference:	WELL @ 4924.00ft (AZTEC 777)
Site:	BBS 15G-22-7-21	MD Reference:	WELL @ 4924.00ft (AZTEC 777)
Well:	BBS 15G-22-7-21	North Reference:	True
Wellbore:	BBS 15G-22-7-21	Survey Calculation Method:	Minimum Curvature
Design:	BBS 15G-22-7-21	Database:	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,006.00	93.86	167.90	6,558.30	-744.01	161.19	745.69	5.41	5.34	0.88
7,037.00	93.05	167.91	6,556.43	-774.26	167.67	776.02	2.61	-2.61	0.03
7,069.00	91.57	167.12	6,555.14	-805.48	174.59	807.30	5.24	-4.63	-2.47
7,100.00	90.71	167.20	6,554.52	-835.70	181.47	837.59	2.79	-2.77	0.26
7,132.00	92.77	165.98	6,553.55	-866.81	188.89	868.78	7.48	6.44	-3.81
7,164.00	91.23	165.94	6,552.44	-897.83	196.65	899.89	4.81	-4.81	-0.13
7,195.00	94.71	165.12	6,550.83	-927.80	204.38	929.94	11.53	11.23	-2.65
7,226.00	95.47	165.97	6,548.08	-957.70	212.09	959.92	3.67	2.45	2.74
7,258.00	92.49	164.84	6,545.86	-988.59	220.13	990.90	9.96	-9.31	-3.53
7,289.00	93.57	164.34	6,544.22	-1,018.44	228.36	1,020.83	3.84	3.48	-1.61
7,321.00	95.81	163.98	6,541.60	-1,049.12	237.07	1,051.60	7.09	7.00	-1.13
7,353.00	92.03	164.18	6,539.42	-1,079.81	245.82	1,082.38	11.83	-11.81	0.63
7,384.00	89.74	162.71	6,538.94	-1,109.52	254.65	1,112.19	8.78	-7.39	-4.74
7,416.00	93.46	163.89	6,538.04	-1,140.15	263.84	1,142.91	12.20	11.63	3.69
7,447.00	94.20	162.54	6,535.97	-1,169.76	272.77	1,172.62	4.96	2.39	-4.35
7,479.00	91.28	162.11	6,534.44	-1,200.22	282.48	1,203.17	9.22	-9.13	-1.34
7,497.00	91.51	161.82	6,534.00	-1,217.33	288.05	1,220.34	2.06	1.28	-1.61
7,528.00	91.46	161.45	6,533.20	-1,246.74	297.81	1,249.86	1.20	-0.16	-1.19
7,560.00	92.60	161.60	6,532.07	-1,277.07	307.95	1,280.30	3.59	3.56	0.47
7,592.00	93.34	162.16	6,530.41	-1,307.44	317.89	1,310.77	2.90	2.31	1.75
7,623.00	91.86	161.93	6,529.00	-1,336.90	327.43	1,340.33	4.83	-4.77	-0.74
7,655.00	91.40	161.37	6,528.09	-1,367.26	337.50	1,370.80	2.26	-1.44	-1.75
7,686.00	92.60	160.66	6,527.01	-1,396.55	347.58	1,400.20	4.50	3.87	-2.29
7,718.00	95.17	160.98	6,524.84	-1,426.71	358.07	1,430.46	8.09	8.03	1.00
7,749.00	95.11	160.87	6,522.07	-1,455.89	368.16	1,459.75	0.40	-0.19	-0.35
7,781.00	94.48	159.85	6,519.39	-1,485.92	378.88	1,489.89	3.74	-1.97	-3.19
7,813.00	93.29	161.10	6,517.22	-1,516.01	389.55	1,520.10	5.39	-3.72	3.91
7,844.00	92.54	159.08	6,515.65	-1,545.12	400.09	1,549.31	6.94	-2.42	-6.52
7,876.00	91.40	156.90	6,514.55	-1,574.76	412.07	1,579.09	7.68	-3.56	-6.81
7,907.00	92.94	155.36	6,513.37	-1,603.09	424.61	1,607.55	7.02	4.97	-4.97
7,970.00	90.71	152.00	6,511.37	-1,659.52	452.52	1,664.27	6.40	-3.54	-5.33
8,033.00	91.85	150.28	6,509.96	-1,714.68	482.92	1,719.75	3.27	1.81	-2.73
8,065.00	93.52	149.18	6,508.46	-1,742.28	499.03	1,747.53	6.25	5.22	-3.44
8,096.00	94.09	149.71	6,506.40	-1,768.92	514.76	1,774.33	2.51	1.84	1.71
8,128.00	91.74	149.87	6,504.78	-1,796.54	530.84	1,802.12	7.36	-7.34	0.50
8,159.00	92.66	151.23	6,503.59	-1,823.51	546.07	1,829.26	5.29	2.97	4.39
8,190.00	91.74	151.11	6,502.39	-1,850.65	561.00	1,856.55	2.99	-2.97	-0.39
8,222.00	91.57	151.37	6,501.47	-1,878.69	576.39	1,884.76	0.97	-0.53	0.81
8,253.00	92.66	152.52	6,500.33	-1,906.02	590.96	1,912.25	5.11	3.52	3.71
8,285.00	93.57	152.84	6,498.59	-1,934.41	605.63	1,940.79	3.01	2.84	1.00
8,316.00	93.05	153.01	6,496.80	-1,961.97	619.72	1,968.50	1.76	-1.68	0.55
8,348.00	95.06	154.92	6,494.54	-1,990.65	633.72	1,997.32	8.65	6.28	5.97
8,380.00	91.57	154.94	6,492.68	-2,019.58	647.26	2,026.40	10.91	-10.91	0.06
8,411.00	92.03	156.38	6,491.71	-2,047.81	660.03	2,054.77	4.87	1.48	4.65
8,443.00	93.92	158.21	6,490.05	-2,077.29	672.36	2,084.37	8.22	5.91	5.72
8,475.00	91.57	159.83	6,488.52	-2,107.13	683.81	2,114.34	8.92	-7.34	5.06
8,506.00	89.12	161.93	6,488.33	-2,136.41	693.96	2,143.73	10.41	-7.90	6.77
8,538.00	88.77	162.01	6,488.92	-2,166.84	703.86	2,174.26	1.12	-1.09	0.25
8,569.00	90.94	159.83	6,489.00	-2,196.13	713.99	2,203.66	9.92	7.00	-7.03
8,601.00	94.25	160.14	6,487.55	-2,226.16	724.93	2,233.80	10.39	10.34	0.97
8,632.00	95.86	157.84	6,484.82	-2,254.99	736.00	2,262.74	9.03	5.19	-7.42
8,664.00	94.02	157.50	6,482.06	-2,284.48	748.12	2,292.36	5.85	-5.75	-1.06
8,696.00	91.51	158.25	6,480.52	-2,314.08	760.15	2,322.10	8.19	-7.84	2.34
8,727.00	92.59	157.34	6,479.41	-2,342.76	771.86	2,350.90	4.55	3.48	-2.94



Weatherford International Ltd.
Survey Report



Company: QUESTAR EXPLORATION AND PRODUCTION
Project: UINTAH COUNTY, UTAH
Site: BBS 15G-22-7-21
Well: BBS 15G-22-7-21
Wellbore: BBS 15G-22-7-21
Design: BBS 15G-22-7-21

Local Co-ordinate Reference: Well BBS 15G-22-7-21
TVD Reference: WELL @ 4924.00ft (AZTEC 777)
MD Reference: WELL @ 4924.00ft (AZTEC 777)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,759.00	92.43	156.55	6,478.01	-2,372.18	784.38	2,380.45	2.52	-0.50	-2.47
8,790.00	93.22	154.60	6,476.48	-2,400.37	797.18	2,408.77	6.78	2.55	-6.29
8,822.00	94.15	154.35	6,474.42	-2,429.19	810.94	2,437.74	3.01	2.91	-0.78
8,854.00	94.20	153.75	6,472.09	-2,457.88	824.91	2,466.58	1.88	0.16	-1.88
8,886.00	93.63	154.12	6,469.91	-2,486.56	838.93	2,495.41	2.12	-1.78	1.16
8,917.00	93.46	154.26	6,467.99	-2,514.42	852.41	2,523.41	0.71	-0.55	0.45
8,949.00	93.10	153.79	6,466.16	-2,543.14	866.40	2,552.27	1.85	-1.13	-1.47
8,980.00	92.65	154.67	6,464.61	-2,571.02	879.86	2,580.30	3.19	-1.45	2.84
9,012.00	92.71	157.24	6,463.11	-2,600.21	892.88	2,609.63	8.02	0.19	8.03
9,036.00	91.94	156.49	6,462.14	-2,622.26	902.30	2,631.78	4.48	-3.21	-3.13
9,068.00	91.50	157.74	6,461.18	-2,651.73	914.74	2,661.38	4.14	-1.38	3.91
9,100.00	92.38	157.37	6,460.09	-2,681.28	926.95	2,691.06	2.98	2.75	-1.16
9,131.00	91.31	157.74	6,459.10	-2,709.92	938.78	2,719.82	3.65	-3.45	1.19
9,163.00	90.75	157.99	6,458.52	-2,739.56	950.84	2,749.59	1.92	-1.75	0.78
9,194.00	90.91	157.30	6,458.07	-2,768.22	962.63	2,778.38	2.28	0.52	-2.23
9,226.00	94.44	157.61	6,456.58	-2,797.74	974.88	2,808.03	11.07	11.03	0.97
9,257.00	94.25	156.49	6,454.23	-2,826.21	986.93	2,836.62	3.65	-0.61	-3.61
9,289.00	93.06	155.74	6,452.19	-2,855.40	999.86	2,865.96	4.39	-3.72	-2.34
9,320.00	92.56	155.49	6,450.67	-2,883.60	1,012.65	2,894.29	1.80	-1.61	-0.81
9,352.00	91.40	153.76	6,449.56	-2,912.50	1,026.35	2,923.33	6.51	-3.63	-5.41
9,383.00	90.44	151.99	6,449.07	-2,940.08	1,040.48	2,951.07	6.49	-3.10	-5.71
9,415.00	90.56	150.99	6,448.79	-2,968.20	1,055.76	2,979.35	3.15	0.38	-3.13
9,447.00	92.69	150.36	6,447.88	-2,996.09	1,071.42	3,007.40	6.94	6.66	-1.97
9,478.00	94.38	150.74	6,445.97	-3,023.03	1,086.63	3,034.50	5.59	5.45	1.23
9,510.00	93.00	149.61	6,443.91	-3,050.73	1,102.51	3,062.37	5.57	-4.31	-3.53
9,541.00	91.63	147.74	6,442.66	-3,077.19	1,118.62	3,089.00	7.47	-4.42	-6.03
9,573.00	92.50	146.49	6,441.50	-3,104.05	1,135.98	3,116.04	4.76	2.72	-3.91
9,605.00	91.63	144.24	6,440.35	-3,130.36	1,154.15	3,142.54	7.53	-2.72	-7.03
9,636.00	93.13	142.61	6,439.06	-3,155.23	1,172.61	3,167.61	7.14	4.84	-5.26
9,668.00	92.63	141.61	6,437.45	-3,180.45	1,192.24	3,193.04	3.49	-1.56	-3.13
9,699.00	91.89	140.74	6,436.23	-3,204.58	1,211.66	3,217.38	3.68	-2.39	-2.81
9,731.00	92.19	138.24	6,435.09	-3,228.89	1,232.43	3,241.91	7.86	0.94	-7.81
9,762.00	93.00	135.74	6,433.69	-3,251.54	1,253.55	3,264.78	8.47	2.61	-8.06
9,794.00	91.19	132.99	6,432.52	-3,273.89	1,276.41	3,287.38	10.28	-5.66	-8.59
9,825.00	94.00	133.61	6,431.12	-3,295.13	1,298.94	3,308.86	9.28	9.06	2.00
9,857.00	93.88	132.49	6,428.92	-3,316.92	1,322.27	3,330.90	3.51	-0.38	-3.50
9,888.00	91.50	132.11	6,427.46	-3,337.76	1,345.17	3,351.98	7.77	-7.68	-1.23
9,920.00	91.31	132.36	6,426.68	-3,359.26	1,368.86	3,373.74	0.98	-0.59	0.78
9,951.00	92.06	129.86	6,425.77	-3,379.64	1,392.21	3,394.36	8.42	2.42	-8.06
9,983.00	93.31	127.74	6,424.27	-3,399.66	1,417.11	3,414.65	7.68	3.91	-6.63
LAST SVY									
10,011.00	94.50	126.99	6,422.36	-3,416.62	1,439.32	3,431.85	5.02	4.25	-2.68
PROJ SVY - PBHL BBS 15G-22-7-21									
10,054.00	94.50	126.99	6,418.99	-3,442.41	1,473.56	3,458.00	0.00	0.00	0.00



Weatherford International Ltd.
Survey Report



Company: QUESTAR EXPLORATION AND PRODUCTION
Project: UINTAH COUNTY, UTAH
Site: BBS 15G-22-7-21
Well: BBS 15G-22-7-21
Wellbore: BBS 15G-22-7-21
Design: BBS 15G-22-7-21

Local Co-ordinate Reference: Well BBS 15G-22-7-21
TVD Reference: WELL @ 4924.00ft (AZTEC 777)
MD Reference: WELL @ 4924.00ft (AZTEC 777)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
PBHL BBS 15G-22-7-	0.00	0.00	6,379.61	-3,911.80	1,325.61	7,240,464.01	2,189,560.39	40° 10' 49.380 N	109° 32' 3.880 W
- survey misses target center by 493.73ft at 10054.00ft MD (6418.99 TVD, -3442.41 N, 1473.56 E)									
- Point									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,719.00	6,547.10	-464.15	103.81	TIE ON ST#2
10,011.00	6,422.36	-3,416.62	1,439.32	LAST SVY
10,054.00	6,418.99	-3,442.41	1,473.56	PROJ SVY

Checked By: _____ Approved By: _____ Date: _____

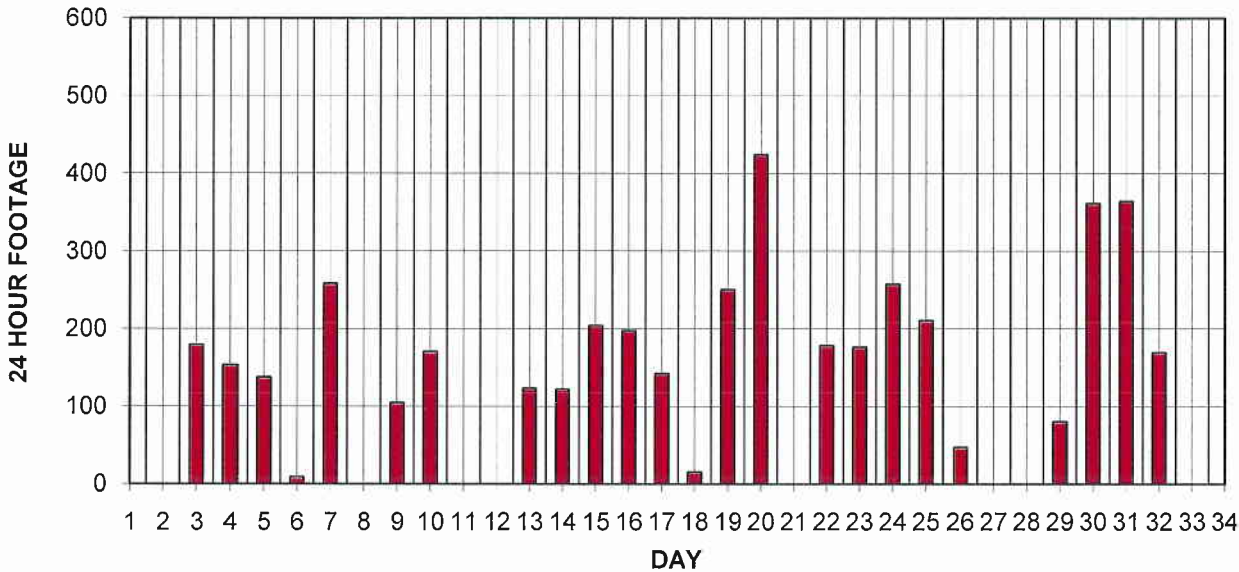


DAYS vs DEPTH

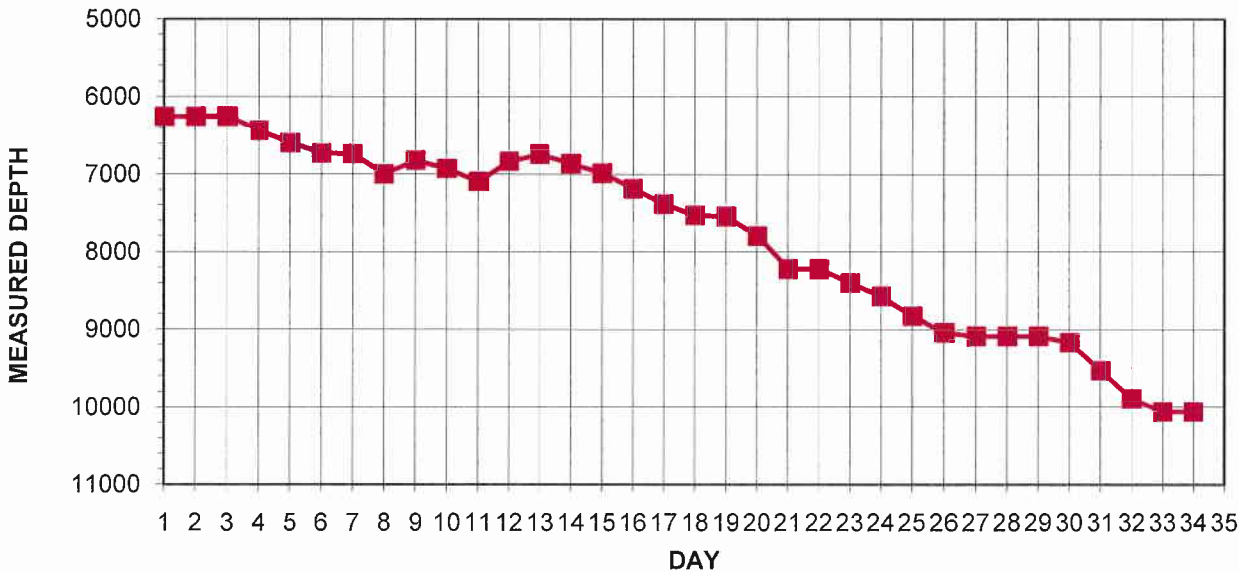
CONFIDENTIAL



DAYS VS FEET DRILLED /24 HOURS



DAYS VS DEPTH



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	---

CA No.				Unit:	JOHNSON BOTTOM			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2)Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
PHONE NUMBER: (303) 672-6900		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Attached		STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~ 965010693

N3700

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <u><i>Morgan Anderson</i></u>	DATE <u>6/23/2010</u>

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/13/2009

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
JOHNSON BOTTOM
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
LEOTA 1-34-2B	34	070S	210E	4304730879	5420	Federal	OW	P	
WV 7W-36-7-21	36	070S	210E	4304734065	13334	State	D	PA	
WV 9W-36-7-21	36	070S	210E	4304734066	13331	State	D	PA	
WV 11W-36-7-21	36	070S	210E	4304734067	13678	State	GW	PA	
WV 5W-36-7-21	36	070S	210E	4304734099	13807	State	GW	OPS	C
WV 13W-36-7-21	36	070S	210E	4304734100	13678	State	GW	P	
SU PURDY 7W-34-7-21	34	070S	210E	4304734380	13679	Federal	GW	P	
BBE 15G-16-7-21	16	070S	210E	4304735408	14070	State	OW	P	
BBS 15G-22-7-21	22	070S	210E	4304737443	15688	Federal	OW	P	C
TU 3-35-7-21	35	070S	210E	4304738995	16512	Federal	GW	P	
SU PURDY 3M-25-7-21	25	070S	210E	4304739179		Federal	OW	APD	C
JB 4G-27-7-21	27	070S	210E	4304739180		Federal	OW	APD	C
SU PURDY 10G-27-7-21	27	070S	210E	4304739181		Federal	OW	APD	C
JB 8G-21-7-21	21	070S	210E	4304740613	17595	Federal	OW	DRL	C
JB 12G-27-7-21	27	070S	210E	4304740614		Federal	OW	APD	C
JB 1G-28-7-21	28	070S	210E	4304740615		Federal	OW	APD	C
JB 15G-34-7-21	34	070S	210E	4304740616		Federal	OW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office
From: Chief, Branch of Minerals *Roger L Bankert*
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO
3180 (UTU86617A)
UT-922

RECEIVED
DEC 12 2011
DIV. OF OIL, GAS & MINING

DEC 05 2011

Nathan C. Koeniger
QEP Energy Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Initial PA "A"
Johnson Bottom (GR) Unit
Uintah County, Utah

Dear Mr. Koeniger:

The Initial Participating Area "A", Johnson Bottom (GR) Unit, UTU86617A, is hereby approved effective as of December 17, 2009, pursuant to Section 11 of the Johnson Bottom (GR) Unit Agreement, Uintah County, Utah.

The Initial Participating Area "A" results in 320.00 acres and is based upon the completion of Well No. BBS 15G-22-7-21, API No. 43-047,37443, surface located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 22, Township 7 South, Range 21 East, SLB&M, Federal Unit Tract No. 10, Lease No. UTU74972, with the horizontal lateral terminating in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 27, Township 7 South, Range 21 East, SLB&M, Federal Unit Tract No. 3, Lease No. UTU16551, as being a well capable of producing unitized substances in paying quantities.

For production and accounting reporting purposes, all submissions pertaining to the Initial Participating Area "A" shall refer to UTU86617A.

A Copy of the approved request is being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Participating Area "A", Johnson Bottom (GR) Unit, and the effective date.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-16551			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 			
2. NAME OF OPERATOR: QEP ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME: JOHNSON BOTTOM			
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078		8. WELL NAME and NUMBER: BBS 15G-22-7-21			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0669 FSL 2022 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047374430000			
9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM		COUNTY: UINTAH			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/25/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY REQUESTS APPROVAL TO RECOMPLETE THE BBS 15G-22-7-21 BY ADDING ADDITIONAL PERFORATIONS TO THE GREEN RIVER FORMATION. SEE ATTACHED PROCEDURES.					
Accepted by the Utah Division of Oil, Gas and Mining Date: <u>December 30, 2014</u> By: <u>Derek Quist</u>					
NAME (PLEASE PRINT) Benna Muth		PHONE NUMBER 435 781-4320			
SIGNATURE N/A		TITLE Regulatory Assistant			
DATE 11/25/2014					

QEP Energy requests approval to recompleate the BB 15G-22-7-21 by adding additional perforations to the Green River Formation as follows:

1. Set a CFP at 6180'.
2. Stage 1:
 - a. 6139'-6143', 3spf, frac with crosslink fluid.
 - b. 6104'-6105', 3spf, frac with crosslink fluid.
 - c. 6055'-6056', 3spf, frac with crosslink fluid.
 - d. 6021'-6023', 3spf, frac with crosslink fluid.
 - e. 5973'-5974', 3spf, frac with crosslink fluid.
 - f. 5923'-5924', 3spf, frac with crosslink fluid.
 - g. 5896'-5897', 3spf, frac with crosslink fluid.
 - h. 5857'-5860', 3spf, frac with crosslink fluid.
 - i. 5828'-5830', 3spf, frac with crosslink fluid.
3. Set a CFP at 5750'.
4. Stage 2:
 - a. 5710'-5712', 3spf, frac with crosslink fluid.
 - b. 5692'-5694', 3spf, frac with crosslink fluid.
 - c. 5660'-5661', 3spf, frac with crosslink fluid.
 - d. 5651'-5653', 3spf, frac with crosslink fluid.
 - e. 5595'-5597', 3spf, frac with crosslink fluid.
 - f. 5583'-5585', 3spf, frac with crosslink fluid.
 - g. 5561'-5563', 3spf, frac with crosslink fluid.
 - h. 5509'-5511', 3spf, frac with crosslink fluid.
 - i. 5499'-5500', 3spf, frac with crosslink fluid.
5. Drill up both plugs and return well to production.